AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE	PAGE OF PAGES
J	1 | 9

2. AMENDMENT/MODIFICATION NO.	3. EFFECTIVE DATE	4. REQUISITION/PURCHASE REQ. NO.	5. PROJECT NO.(If applicable)
0005	21-Jun-2002	W16ROE-2114-9736	

6. ISSUED BY	CODE	7. ADMINISTERED BY (If other than item 6)	CODE
CONTRACTING DIVISION US ARMY CORPS OF ENG, NYD ATTN: CENANCT, ROOM 1843 26 FEDERAL PLAZA NEW YORK NY 10278	DACA51	**See Item 6**	

8. NAME AND ADDRESS OF CONTRACTOR (No., Street, County, State and Zip Code)		
	X	9A. AMENDMENT OF SOLICITATION NO. DACA51-02-B-0009
	X	9B. DATED (SEE ITEM 11) 22-May-2002
		10A. MOD. OF CONTRACT/ORDER NO.
		10B. DATED (SEE ITEM 13)
CODE / FACILITY CODE		

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

[X] The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offer [X] is extended, [ ] is not extended.

Offer must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended by one of the following methods: (a) By completing Items 8 and 15, and returning 1 copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

[ ] A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.

[ ] B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(B).

[ ] C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:

[ ] D. OTHER (Specify type of modification and authority)

E. IMPORTANT: Contractor [ ] is not, [ ] is required to sign this document and return _____ copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

The purpose of this Amendment 0005 to Solicitation DACA51-02-B-0009, is to amend the specification and drawings in Section 00800, as attached, and to extend the bid opening date as stated below. All other terms and conditions remain unchanged as a result of this amendment.

NOTE: Bidders must acknowledge receipt of this amendment by the date specified in the soliciation (as amended) by one of the following methods: In the space provided on the SF 1442, byh separate letter, by telegram, or by signing Block 15 below. FAILURE TO ACKNOWLEDGE AMENDMENTS BY THE DATE AND TIME SPECIFIED MAY RESULT IN REJECTION OF YOUR BID IN ACCORDANCE WITH THE LATE BID, LATE MODIFICATIONS OF BIDS, OR LATE WITHDRAWAL OF BIDS CLAUSE (FAR14.304).

The bid opening date (BOD) changes from 26 June 2002 at 11:00 a. m. to 10 July 2002 at 1:00 p. m.

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)	
15B. CONTRACTOR/OFFEROR _____ (Signature of person authorized to sign)	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY _____ (Signature of Contracting Officer)	16C. DATE SIGNED 21-Jun-2002

SECTION SF 30 BLOCK 14 CONTINUATION PAGE

SUMMARY OF CHANGES

Changes in Solicitation/Contract/Order Form

The issued by organization contact has been deleted.

Changes in Section 00800

NOTICE TO BIDDERS
Failure of the bidder to
Acknowledge receipt
Of this Amendment in
Item 19 of Standard
Form 1442 (Pg. 00010-2)
May result in REJECTION
Of the bid.

IFB NO. DACA51-02-B-0009

Amendment No. 5

Department of the Army, NYD
Corps of Engineers
New York, NY 10278-0090

AMENDMENT NO. 5 TO SPECIFICATIONS FOR REVITALIZE BARRACKS USMA PREPARATORY SCHOOL BUILDINGS 1204 & 1205, FORT MONMOUTH, EATONTOWN, NEW JERSEY

TO BIDDERS

The following changes are made to the specifications and drawings.

SPECIFICATIONS

Section 15080A

Thickness of Cellular Glass and Mineral Fiber thermal insulation listed in Table I shall apply to all pipelines listed in Paragraph 3.2.2, Aboveground Cold Pipelines. (Domestic cold and chilled drinking water; make-up water; Geothermal Condenser Water; air conditioner condensate drains; exposed lavatory drains; domestic water lines serving plumbing fixtures for handicapped persons.)

Section 15190

a. Paragraph 2.4 – Revise the paragraph to read: "Meters, regulators, and shutoff valves shall be by the gas utility company, NJNGAS."

b. Paragraph 3.2 – Remove all brackets. Insert a comma between "meter gas assembly" and "service regulator"; insert "and" between "service regulator" and "shutoff valve."

c. Paragraph 3.4.8 – Delete "Final connections to the kitchen ranges shall be made using flexible connections not less than 40 in. long."
Delete all brackets.

Section 15400A

a. Paragraph 3.12, Table I – Delete Service C in Item 2.

Section 10505N STEEL CLOTHING LOCKERS – Add to this Amendment.

Section 10650N ACCORDION FOLDING PARTITIONS –Add to this Amendment.

Section 01572 CONSTRUCTION AND DEMOLITION WASTE MANAGEMENT Delete all reference to this Section throughout the entire solicitation package

DRAWINGS

Drawing FP-11: See attached sketch.

Drawing FP-15: See attached sketch.

Drawing MP-26: See attached sketch.

Drawing M-521 is a part of the bid. Previous deletion reference is incorrect.

Drawing M-212: Locations and quantities of Geothermal expansion tanks and motor control centers (MCC) are shown for reference only. See drawing M-102 for exact locations of the Geothermal Expansion tanks. See electrical drawings for locations and number of MCC's.

Drawing M-218: Dishwashing area: Change label "KH-4" to read "KH-5".

SKETCHES

1. Included in this Amendment are three (3) sketches for control requirements.

2. The following sketches are attached to this Amendment:
   - Type I Canopy
   - Type II Canopy
   - Canopy Detail A: Typ. Base Plate Connection to New Conc. Foundation or New CMU Wall
   - Canopy Detail B: Typ. Moment Connection at Ridge
   - Canopy Detail C: Typ. Base Plate to Existing Conc. Column Connection
   - Concrete Reinforcement: Section Thru Mechanical Pit
   - Concrete Reinforcement: Section Thru Elevator
   - Handicapped Ramp (Typ.)
   - Structural Steel: (Mechanical Room 113 and similar) (Reference Drawing A-07)
   - Structural Steel: (Mechanical Room 126 and similar) (Reference Drawing A-07)
   - Structural Steel: (Mechanical Room 212 and similar) (Reference Drawing A-08)
   - Structural Steel: (Mechanical Room 220 and similar) (Reference Drawing A-08)
   - Structural Steel: (Tower Roof and similar) (Reference Drawing A-34)

Structural Steel: (Roof - Reference Drawing A-34A)
Structural Steel: (Third Floor - Reference Drawing A-34A)
Structural Steel: (Second Floor - Reference Drawing A-34A)
Structural Steel: (First Floor - Reference Drawing A-34A)
Structural Steel: (Roof - Reference Drawing A-36)
Structural Steel: (Second and Third Floor - Reference Drawing A-36)
Structural Steel: (Mechanical Room 212 and similar) (Reference Drawing A-50)
Structural Steel: (Mechanical Room 313 and similar) (Reference Drawing A-51)
Type I Canopy
Type II Canopy
Canopy Detail A: Typ. Base Plate Connection to New Conc. Foundation or New CMU Wall
Canopy Detail B: Typ. Moment Connection at Ridge
Canopy Detail C: Typ. Base Plate to Existing Conc. Column Connection
Concrete Reinforcement: Section Thru Mechanical Pit
Concrete Reinforcement: Section Thru Elevator
Handicapped Ramp (Typ.)
Structural Steel: (Mechanical Room 113 and similar) (Reference Drawing A-07)
Structural Steel: (Mechanical Room 126 and similar) (Reference Drawing A-07)
Structural Steel: (Mechanical Room 212 and similar) (Reference Drawing A-08)
Structural Steel: (Mechanical Room 220 and similar) (Reference Drawing A-08)
Structural Steel: (Tower Roof and similar) (Reference Drawing A-34)
Structural Steel: (Roof - Reference Drawing A-34A)
Structural Steel: (Third Floor - Reference Drawing A-34A)
Structural Steel: (Second Floor - Reference Drawing A-34A)
Structural Steel: (First Floor - Reference Drawing A-34A)
Structural Steel: (Roof - Reference Drawing A-36)
Structural Steel: (Second and Third Floor - Reference Drawing A-36)
Structural Steel: (Mechanical Room 212 and similar) (Reference Drawing A-50)
Structural Steel: (Mechanical Room 313 and similar) (Reference Drawing A-51)
Section – Typ. Locker and Bench (A-007 & A-008)
Detail – Typ. Closure over Shower (A-023)
Section – Typ. Vanity (A-019)
Detail – Seismic CLG./Expansion Joint Cover
2 PM & 4 PM Living/Sleeping Quarters – Reflected Ceiling Plans (A-032 &A-033)
2 PM & 4 PM Living/Sleeping Quarters – Reflected Ceiling Plans (A-032 &A-033)
Section thru Stair Landing (A-034)

CLARIFICATIONS TO BIDDERS QUESTIONS
(Questions and Answers are Provided for Information Only)

1. Q: The existing window openings are being reduced in size for smaller windows. Will the mason sub be required to cut and tooth in the new concrete masonry units that decreases the opening size or will it be acceptable to install the concrete masonry units without toothing it in? Both sections 01070 and 04200 are silent regarding this work procedure.

A: The mason sub is required to cut and tooth.

2. Q: There are many ambiguities between the partition type labeling on the floor plans and the finish schedule. For example, drawing A-007, room 106, south wall, no Partition type is indicated to cover the existing partition to remain, however the finish schedule, drawing A-064, calls for GWB on this wall. Does the finish precedence over the floor plan in these types of ambiguities?

A: The finish schedule takes precedence.

3. Q: Drawing S-02. The following information is requested:

a. Internal and exterior stair section with structural details for Buildings 1204 and 1205.
b. Handicapped Ramp – Section and structural details, Building 1204.
c. Tower Roof sections and structural details, Buildings 1204 and 1205.
d. New Canopies – Section and structural details, Buildings 1204 and 1205.
e. Connecting Link section and structural details between Buildings 1204 and 1205.
f. Section and details of Slab on Grade of Mechanical Rooms and Stairwells.
g. Mechanical Rooms, 2nd and 3rd Floor Slab – details.

A: Drawing S-02

a. Internal stair section – Will be provided.
External stair section – See Drawing A-036.
b. Handicapped Ramp – See this Amendment.
c. Tower Roof – See Drawing A-037.
d. New Canopies – See this Amendment.
e. Connecting Link – See Drawings S-02 and A-039.
f. Slab on Grade see Drawing A-036.
g. Floor Slab – see Drawing A-036.

4. Q: What is the depth of the metal deck at the Mechanical Penthouses?

A: Depth is 1 ½ inch, 20 gauge (typical).

5. Q: What is the insulation thickness of the Mechanical Penthouse Roof?

A: Thickness is 1 ½ inch.

6. Q: What type of roof is on the Mechanical Penthouse and
7. the Stairway Additions? EPDM?

A: Yes, EPDM.

7. Q: Are Drawings A-00A through A-00F superceded by Drawings A-100 through A105?

A: Yes, they are.

8. Q: If an existing Doorframe is listed on Drawings A-100 Through A-105 but is indicated to remain on the Demolition Drawings (is not dashed), shall we assume that that the existing frame is to be replaced with new?

A: No. Existing frame is to remain.

9. Q: If an existing door opening is t remain and is indicated to receive a new frame, as per Drawings A-100 through A-105, do we assume that the existing doorframe opening will accept the frame size indicated on Drawings A-100 through A-105 (i.e. no modification needed on the existing masonry opening)?

A: Door is to be installed as indicated with any adjustments to the opening required for installation.

10. Q: Is there a Rebar required in the Penthouse Curb detail shown on Drawing S-02?

A: No Rebar required.

11. Q: Is Drawing A-48a a duplication of Drawing A-006?

A: Delete Drawing A-48a. Use Drawing A-006, as per Amendment 2.

12. Q: What are the structural steel sizes of the beams Supporting the new Stairway Floor Slabs?

A: See sketch in this Amendment.

13. Q: The following Drawings are missing from the CD or are incomplete: A-066, A-067, A-068, A-069.

A: Drawing A-066 – See Amendment 3;
Drawings A-067 and A-068 – See Amendment 2;
Drawing A-069 – No longer used. Delete.

14. Q: Need a current Water Flow Test.

A: See Amendment 3.

15. Q: The Fire Pump drawing on Drawing FP-1 is not laid out properly. Should the Bidder include the additional valves and fittings in the proposal? Also, the double check valve should be installed at the point where the fire main enters the building.

A: Valves and fittings are as required by NFPA 13. The Main valve shall be made tamper proof first.

16. Q: Alternate Power Source in Paragraph 3.8.3.5 – does this Building have an alternate power source? If not, the transfer switch will not be required.

A: See Drawing E-021.

17. Q: Concealed Sprinklers in Paragraph 2.10.1 calls for all sprinklers to be concealed. Paragraph 2.10.2 calls for pendant sprinklers. Which sprinklers should be used where?

A: Concealed sprinklers are to be used in areas with ceilings. Pendant sprinklers are to be used in areas without ceilings.

18. Q: Section 16415A, Paragraph 2.2.7 lists metal-clad Cable as the product for this project. Drawing E-001 indicates wiring in EMT. Is MC cable acceptable in hollow walls and above hung ceilings.

A: See Note 13 on Drawing E-020 and Note 12 on Drawing E-021. Use EMT.

2. This Amendment shall be attached to the specifications and shall become a part thereof.

ELLA D. SNELL
C, Contracting Division
Contracting Officer

SECTION 10505N

STEEL CLOTHING LOCKERS
09/99

PART 1 GENERAL

1.1 REFERENCES

The publications listed below form a part of this specification to the extent referenced. The publications are referred to within the text by the basic designation only.

AMERICAN SOCIETY FOR TESTING AND MATERIALS (ASTM)

ASTM A 366/A 366M	(1997) Commercial Quality (CS) Steel, Carbon, (0.15 Maximum Percent) Cold-Rolled
ASTM A 569/A 569M	(1998) Steel, Carbon (0.l5 Maximum, Percent), Hot-Rolled Sheet and Strip Commercial
ASTM A 653/A 653M	(1998) Steel Sheet, Zinc-Coated (Galvanized) or Zinc-Iron Alloy-Coated (Galvannealed) by the Hot-Dip Process
ASTM B 456	(1995) Electrodeposited Coatings of Copper Plus Nickel Plus Chromium and Nickel Plus Chromium
ASTM D 2092	(1995) Preparation of Zinc-Coated (Galvanized) Steel Surfaces for Painting

U.S. GENERAL SERVICES ADMINISTRATION (GSA)

FS AA-L-00486	(Rev. J) Lockers, Clothing, Steel

U.S. DEPARTMENT OF DEFENSE (DOD)

MIL-C-22750	(Rev. F) Coating, Epoxy, Hihg Solids
MIL-P-23377	(Rev. G) Primer Coatings: Epoxy, Chemical and Solvent Resistant

1.2 SUBMITTALS

Submit the following in accordance with Section 01330, "Submittal Procedures."

SD-02 Shop Drawings

Types; G RE

Location; G RE

Installation; FIO

Numbering system; G RE

SD-03 Product Data

Material

Finish

Locker components

Assembly instructions

SD-04 Samples

Color chips; G

1.3 DELIVERY, HANDLING, AND STORAGE

Deliver lockers and associated materials in their original packages, containers, or bundles bearing the manufacturer's name and the name of the material. Protect from weather, soil, and damage during delivery, storage, and construction.

1.4 FIELD MEASUREMENTS

To ensure proper fits, make field measurements prior to the preparation of drawings and fabrication.

1.5 QUALITY ASSURANCE

1.5.1 Color Chips

Provide a minimum of three color chips, not less than 3 inches square, of each color selected by Contracting Officer.

PART 2 PRODUCTS

2.1 TYPES

FS AA-L-00486. Provide Type I, single-tier, Style 1 lockers in the location, quantities and sizes indicated. Provide locker finish colors as selected by Contracting Officer.

2.2 MATERIAL

2.2.1 Galvanized Steel Sheet

ASTM A 653/A 653M, commercial quality, minimized spangle, galvanized steel sheet with not less than G60 zinc coating. Prepare surface of sheet for painting in accordance with ASTM D 2092, Method A. Minimum uncoated sheet

thickness as specified.

2.2.2 Finish

FS AA-L-00486.

2.2.2.1 Color

As selected.

2.3 COMPONENTS

2.3.1 Built-In Locks

FS AA-L-00486. Provide a padlock eye in the door latching mechanism.

2.3.2 Coat Hooks

FS AA-L-00486, chromium.

[2.3.3 Hanger Rods

FS AA-L-00486.

2.3.4 Door Handles

FS AA-L-00486. Provide zinc alloy or steel handles with a chromium coating.

2.3.5 Doors

FS AA-L-00486, not less than 0.0598 inch thick steel sheet.

2.3.5.1 Hinges

In addition to the requirements of FS AA-L-00486, provide 5-knuckle hinges, minimum 2 inches high. Fabricate knuckle hinges from not less than 0.0747 inch thick steel sheet. A full height piano hinge may be provided if standard with the manufacturer. Weld or bolt hinges to the door frame. Weld, bolt, or rivet hinges to the door.

2.3.5.2 Latching Mechanisms

FS AA-L-00486.

2.3.6 Latch Strikes

FS AA-L-00486. Fabricate from not less than 0.0747 inch thick steel sheet, except latch strike may be continuous from top to bottom and fabricated as part of the door framing.

2.3.7 Silencers

FS AA-L-00486.

2.3.8 Back and Side Panels, Tops, and Bottoms

FS AA-L-00486, not less than 0.0474 inch thick steel sheet.

2.3.9 Shelves

FS AA-L-00486. Fabricate from not less than 0.0598 inch thick steel sheet.

2.3.10 Legs

FS AA-L-00486. Provide lockers without legs, as indicated.

2.3.11 Number Plates

FS AA-L-00486. Aluminum. Provide consecutive numbers.

2.3.12 Fastening Devices

Provide bolts, nuts, and rivets as specified in FS AA-L-00486.

PART 3 EXECUTION

3.1 ASSEMBLY AND INSTALLATION

Assemble lockers according to the locker manufacturer's instructions. Align lockers horizontally and vertically. Secure lockers to wall [and base] with screws as indicated. Bolt adjacent lockers together. Adjust doors to operate freely without sticking or binding and to ensure they close tightly.

3.2 NUMBERING SYSTEM

Install number plates on lockers consecutively.

3.3 FIELD QUALITY CONTROL

3.3.1 Testing

Government may request performance-characteristic tests on assembled lockers in accordance with FS AA-L-00486. Lockers not conforming will be rejected.

3.3.2 Repairing

Remove and replace damaged and unacceptable portions of completed work with new.

3.3.3 Cleaning

Clean surfaces of the work, and adjacent surfaces soiled as a result of the work, in an approved manner. Remove equipment, surplus materials, and rubbish from the site.

-- End of Section --

SECTION 10655N

ACCORDION FOLDING PARTITIONS
08/01

PART 1 GENERAL

1.1 REFERENCES

The publications listed below form a part of this specification to the extent referenced. The publications are referred to in the text by the basic designation only.

AMERICAN SOCIETY FOR TESTING AND MATERIALS (ASTM)

ASTM A 653/A 653M	(1997) Steel Sheet Zinc-Coated (Galvanized) or Zinc-Iron Alloy-Coated (Galvannealed) by the Hot-Dip Process
ASTM B 221M	(1996) Aluminum and Aluminum-Alloy Extruded Bars, Rods, Wire, Profiles, and Tubes (Metric)
ASTM B 221	(1996) Aluminum and Aluminum-Alloy Extruded Bars, Rods, Wire, Profiles, and Tubes
ASTM E 84	(1997) Surface Burning Characteristics of Building Materials
ASTM E 90	(1997) Laboratory Measurement of Airborne Sound Transmission Loss of Building Partitions and Elements
ASTM E 336	(1997) Measurement of Airborne Sound Insulation in Buildings
ASTM E 557	(1993) Architectural Application and Installation of Operable Partitions

CHEMICAL FABRICS & FILM ASSOCIATION (CFFA)

CFFA-W-101-B	(1995) Vinyl Coated Fabric Wallcovering

1.2 SUBMITTALS

Submit the following in accordance with Section 01330, "Submittal Procedures."

SD-02 Shop Drawings

Partition layouts; G RE

Submit drawings for the system that include dimensions and weight of stacked partition, layout of the work, track and jamb fastening methods, seal details, and installation details. [Submit wiring diagram and installation details for electrical operator.]

SD-03 Product Data

Framework

Suspension system

Covering

SD-04 Samples

Covering; G

SD-06 Test Reports

Laboratory Acoustical Requirements

Acoustical test

SD-10 Operation and Maintenance Data

Folding partitions, Data Package 1; G

Submit data package in accordance with Section 01781, "Operation and Maintenance Data."

1.3 GUARANTEE

Partitions shall be guaranteed against defects in material and workmanship for a period of two years from date of installation. In addition, the pantographs, trolleys and tracks shall be guaranteed for 10 years from date of acceptance for beneficial use.

1.4 DELIVERY, HANDLING AND STORAGE

Deliver materials to project site in manufacturer's original, unopened, and undamaged packages with labels legible and intact. Labels to indicate the manufacturer, brand name, size, finish, and placement location. Store folding partitions and accessories in unopened packages in a manner that will prevent damage. Handle partition materials in accordance with manufacturer's instructions.

PART 2 PRODUCTS

2.1 FOLDING PARTITIONS

Provide full accordion type partitions, factory finished, supported from overhead track without floor guides, and complete with all hardware, track, and accessories necessary for operation. Provide partition framework with

a mechanism that gives stability and maintains uniform spacing of partition folds in all partition positions. Provide completely concealed framework with a vinyl-coated fabric covering. Provide partitions manually operated, one-way type as indicated. Provide patterns and colors of fabric approved by the Contracting Officer.

2.2 MATERIALS

2.2.1 Aluminum Extrusions

ASTM B 221, Alloy 3003.

2.2.2 Steel Sheets

ASTM A 653/A 653M, G90 coating designation.

2.2.3 Fabric Covering

CFFA-W-101-B, Type II.

2.2.4 Seals and Sweepstrips

Provide perimeter seals of manufacturer's standard product, without crack or craze when subjected to severe usage.

2.2.5 Ceiling Guards

Furnish partitions with ceiling guards or integral track and ceiling guards as recommended by the manufacturer.

2.3 PERFORMANCE REQUIREMENTS

2.3.1 Fire Endurance

For partitions more than 60 square feet in area, provide fabric and lining with flame spread rating of 25 or less, fuel contribution rating of 15 or less, smoke generation of 50 or less when tested in accordance with ASTM E 84.

2.3.2 Laboratory Acoustical Requirements

Folding partitions shall have been tested in accordance with ASTM E 90by a laboratory accredited by the U.S. Bureau of Standards and have attained a sound transmission class (STC) of not less than 40 in a fully extended position. Partition tested shall be of the same construction, materials, and model number as the partition to be provided and shall be fully operable. Test specimen shall be not less than126 square feet in area. Panel weight shall be5 lbs per square ft.

2.4 FABRICATION

2.4.1 Framework

Fabricate framework, including posts, pantographs, hinges, hinge plates,

and rods from either extruded aluminum or ferrous metal. Arrange frames requiring pantographs for horizontal pantograph action with pantographs located at top and bottom of the frame. Provide pantographs spaced not over 4 feet apart. Provide intermediate pantograph at center of doors less than 8 feet high unless the door has vertical metal reinforcing. The pantographs shall operate smoothly with positive folding action and shall have a control device to prevent flattening of the folds when the panel is fully extended. Ferrous metal shall be either cadmium plated or zinc coated, except posts at the option of the door manufacturer shall have phosphate treatment and manufacturer's shop finish paint.

2.4.2 Suspension System

Provide a suspension system consisting of steel or aluminum track and trolleys designed to support the weight of the partition. Provide steel track of 16 gage minimum, phosphate treated and finished, or zinc or cadmium coated. Provide extruded aluminum track with minimum thickness of 1/8 inch. Tracks may have an integral ceiling guard. Trolleys shall have at least two ball bearing nylon or steel tired wheels spaced according to manufacturer's design criteria and four at an end post.

2.4.3 Covering

Attach fabric to the framework with fasteners that permit easy removal of the cover but prevent sagging or separation. Position vertical seams in the bottoms of valleys and reinforce. Provide top and bottom edges of cover fabrics with 1/2 inch minimum turned hems.

2.4.4 Sound Insulation

Provide sound insulation as necessary to achieve the specified sound trans mission class.

2.4.5 Air Release

Provide an air release system which will allow trapped air within the partition to be released during the stacking process.

2.4.6 Seals

Provide perimeter seals as necessary to produce the sound transmission class specified and to pass the visual field test specified.

2.4.7 Hardware

Provide hardware of the heavy-duty type standard with the manufacturer. Provide pulls and latches for all partitions. Provide partitions with privacy latches.

2.4.8 Accessories

Provide recessed tracks as indicated.

PART 3 EXECUTION

3.1 INSTALLATION

3.1.1 Existing Work

Check openings scheduled to receive accordion-folding partitions for correct dimensions.

Install partitions in accordance with the approved partition layouts, manufacturer's directions, and ASTM E 557. Structural support for the track support elements shall be as indicated.

3.1.2 Adjustment

Adjust manually operated partitions to open and close from any position with a maximum horizontal force of 30 pounds applied to pendant pull, box or handle.

3.2 FIELD TESTS

3.2.1 Operational Test

Operate partition at least three times to demonstrate that partition is capable of being moved from the stored position to the fully extended position smoothly and quietly. Adjust partitions which do not operate properly and retest.

3.2.2 Visual Test

Conduct visual field tests for light leakage with all room lights turned on in the space on one side of the partition. Darken space on the other side of the partition. There shall be no light leakage from the lighted space to the darkened space. If light leakage does occur, adjust the partition to correct the problem and retest.

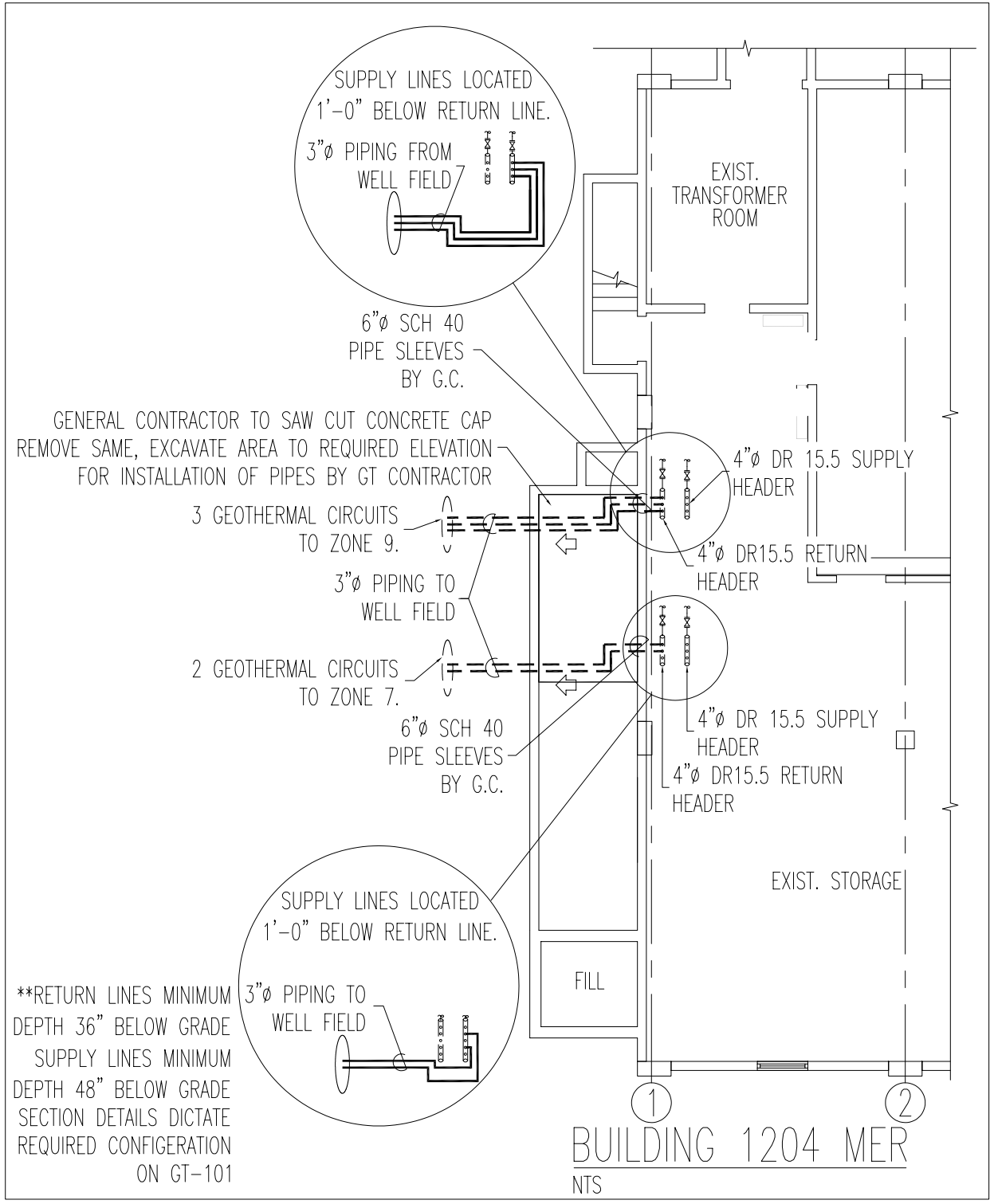
3.2.3 Acoustical Test

Field sound performance: partition shall be tested by an independent certified acoustical consultant in accordance with ASTM E 336, and achieve a Noise Isolation Class (NIC) of 30 plus or minus two. Adjust and/or modify partitions which do not comply, and retest.

3.3 CLEANING

Clean any soiled parts of the partition according to manufacturer's instructions.

-- End of Section --


SUPPLY LINES LOCATED
1'-0" BELOW RETURN LINE.
3"ø PIPING FROM
WELL FIELD
EXIST.
TRANSFORMER
ROOM
6"ø SCH 40
PIPE SLEEVES
BY G.C.
GENERAL CONTRACTOR TO SAW CUT CONCRETE CAP
REMOVE SAME, EXCAVATE AREA TO REQUIRED ELEVATION
FOR INSTALLATION OF PIPES BY GT CONTRACTOR
4"ø DR 15.5 SUPPLY
HEADER
3 GEOTHERMAL CIRCUITS
TO ZONE 9.
4"ø DR15.5 RETURN
HEADER
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WELL FIELD
2 GEOTHERMAL CIRCUITS
TO ZONE 7.
4"ø DR 15.5 SUPPLY
HEADER
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BY G.C.
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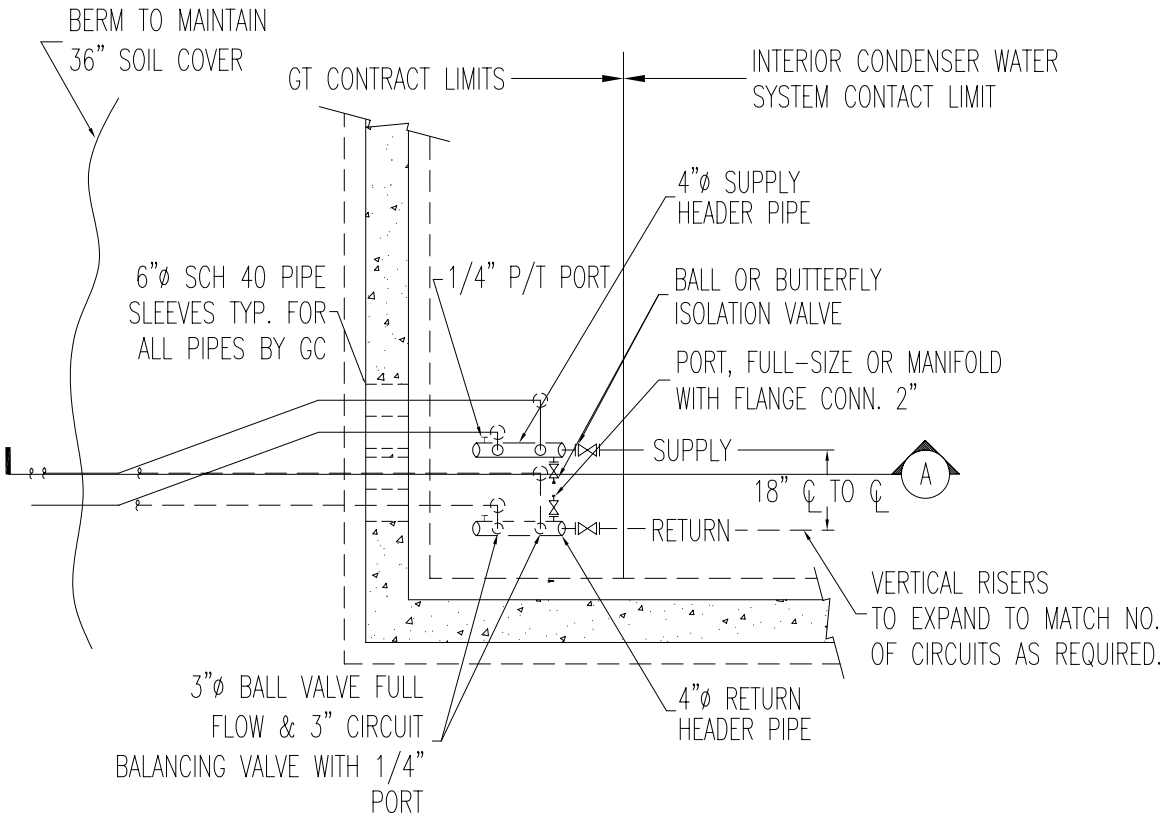
3"ø PIPING TO
WELL FIELD
**RETURN LINES MINIMUM
DEPTH 36" BELOW GRADE
SUPPLY LINES MINIMUM
DEPTH 48" BELOW GRADE
SECTION DETAILS DICTATE
REQUIRED CONFIGERATION
ON GT-101
1
2
BUILDING 1204 MER
NTS

DETAILS APPLICABLE FOR MECHANICAL ROOMS:

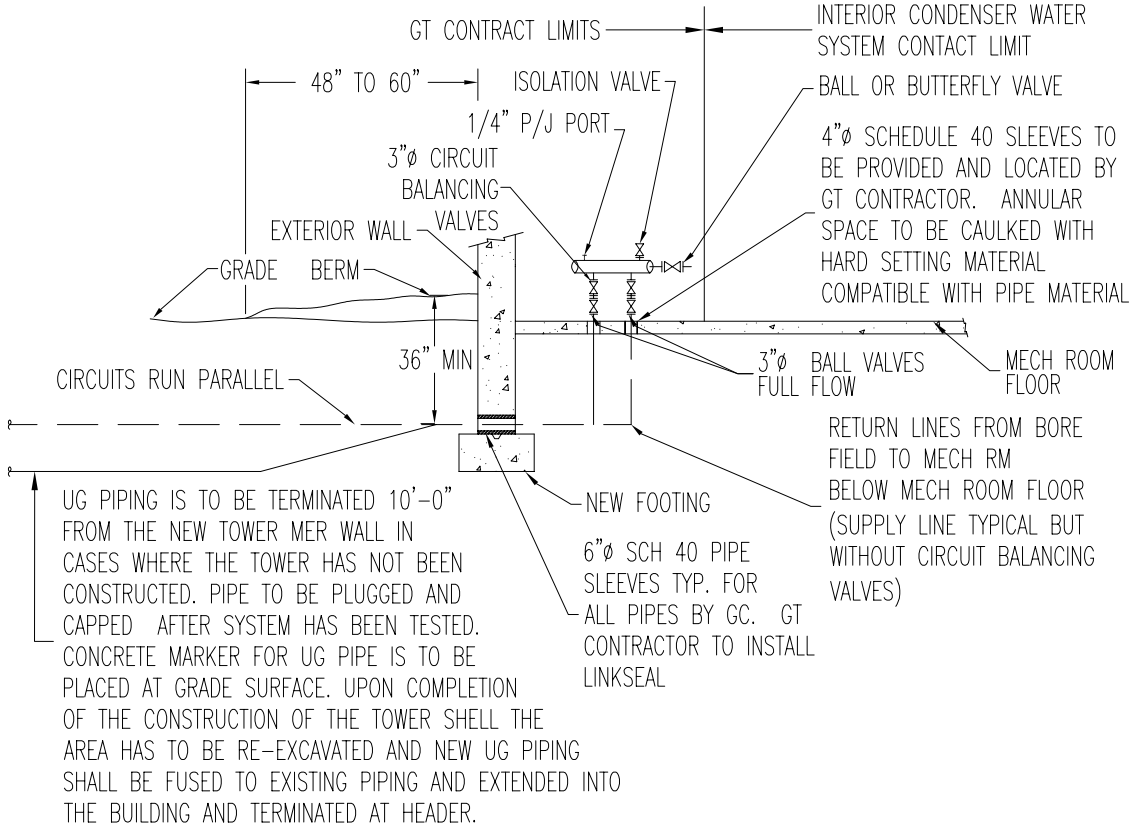
MER 113, BUILDING 1204 – 1 SET–3"ø S & R CIRCUITS
MER 114, BUILDING 1204 – 1 SET–3"ø S & R CIRCUITS
MER 112, BUILDING 1205 – 1 SET–3"ø S & R CIRCUITS
MER 114, BUILDING 1205 – 1 SET–3"ø S & R CIRCUITS
MER 123, BUILDING 1205 – 2 SET–3"ø S & R CIRCUITS
MER 126, BUILDING 1205 – 2 SET–3"ø S & R CIRCUITS
MAIN MER BUILDING 1204 – 5 SET–3"ø S & R CIRCUITS

GT CONTRACTOR TO CO–ORDINATE WORK WITH GENERAL CONTRACTOR



TYPICAL PLAN VIEW FOR ALL FIRST FLOOR TOWER MER ROOMS

N.T.S.

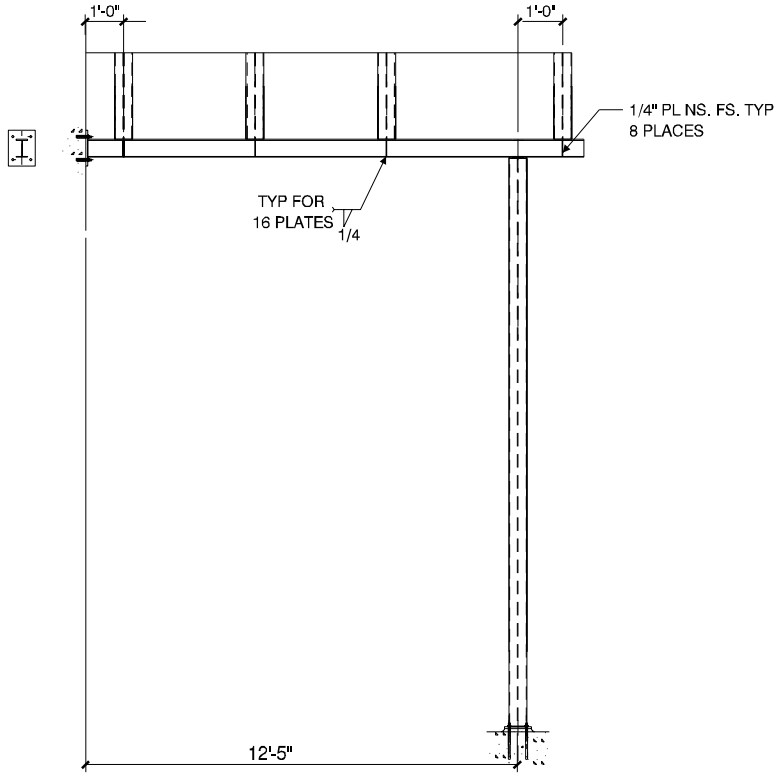


A SECTION A TYPICAL FOR ALL FIRST FLOOR MER ROOMS

SKM 2 | SKM 3 N.T.S.

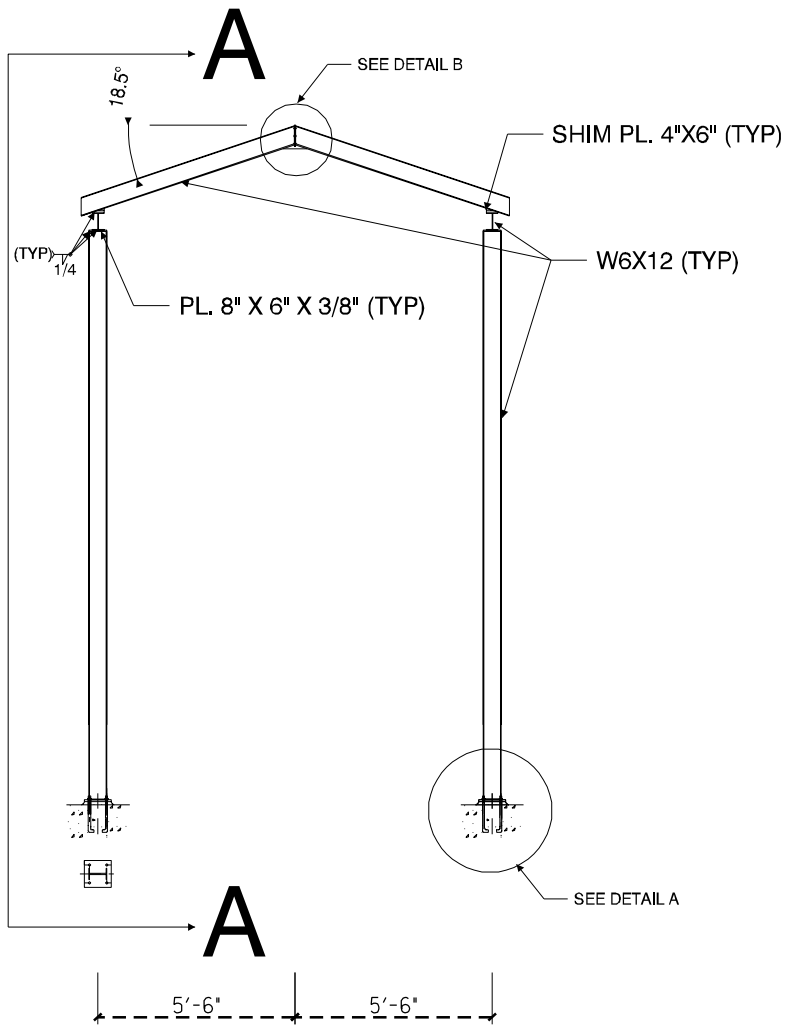
GENERAL NOTES:

G.C. TO CORE DRILL WALLS REQUIRING SCH 40 SLEEVES IN EXISTING STRUCTURES. COORDINATE WITH GT CONTRACTOR FOR INVERT LEVELS. IN NEW TOWERS, SLEEVES TO BE CAST AT INVERT LEVELS PROVIDED IN GT SUBMITTALS (TYPICALLY 48" FROM GRADE TO C OF SLEEVE.) IN ALL CASES UPON COMPLETION OF GT PIPING GC TO BACK FILL AREA WITH BANK RUN GRAVEL, COMPACT USING MECHANICAL VIBRATOR, PROVIDE 6" O.C. x 6" O.C. OPEN MESH WITHIN CONCRETE SLAB. AREA TO BE PATCHED WITH 3500PSI CONCRETE INSTALLED LEVEL AND SMOOTH COORDINATE ELEVATION OF PIPES GOING THRU WALLS WITH GT CONTRACTOR.



TYPE ICANOPY SECT. THRU. A-A

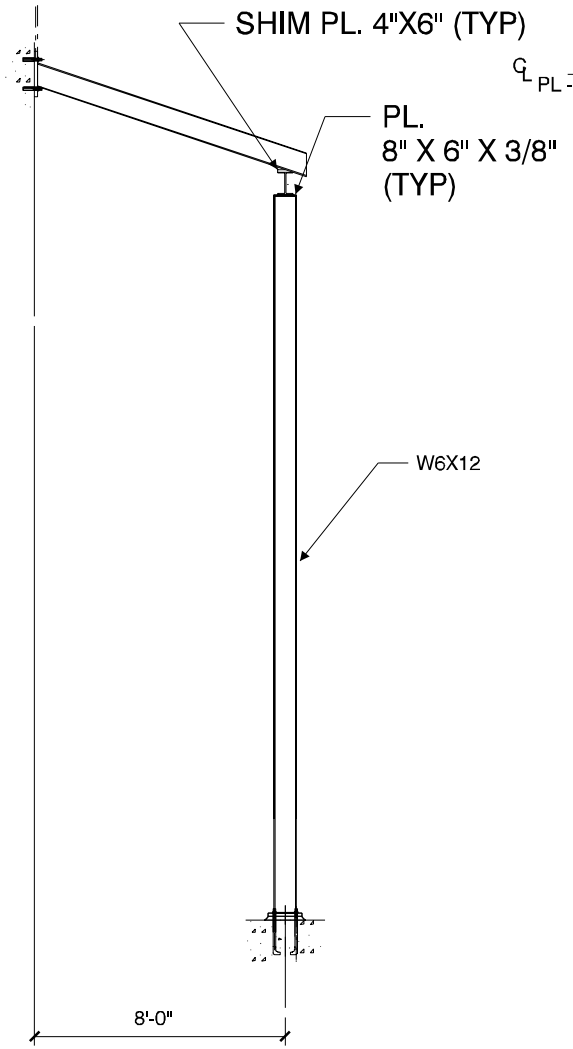
NOT TO SCALE



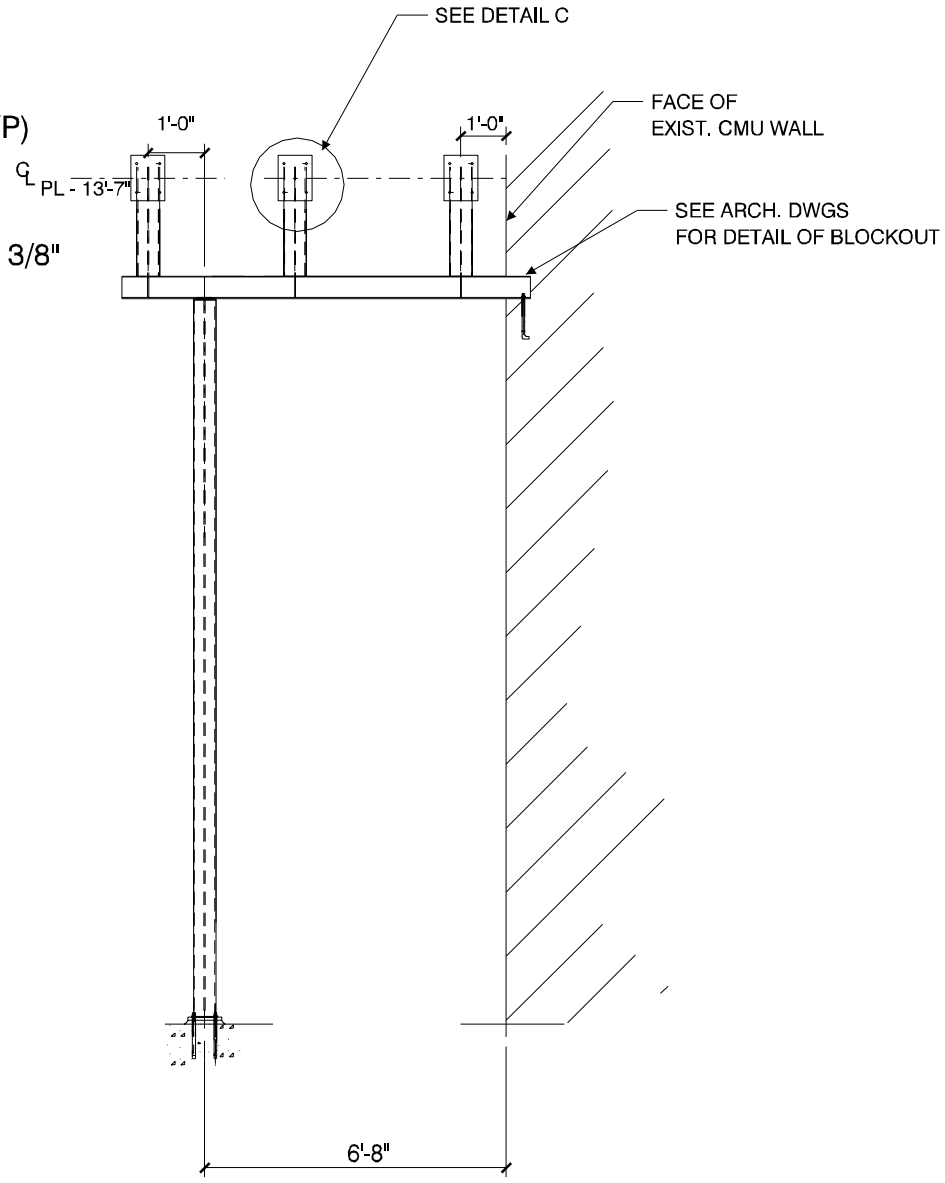
TYPE ICANOPY ELEVATION VIEW (TYP)

NOT TO SCALE

SKETCHES: TYPE ICANOPY



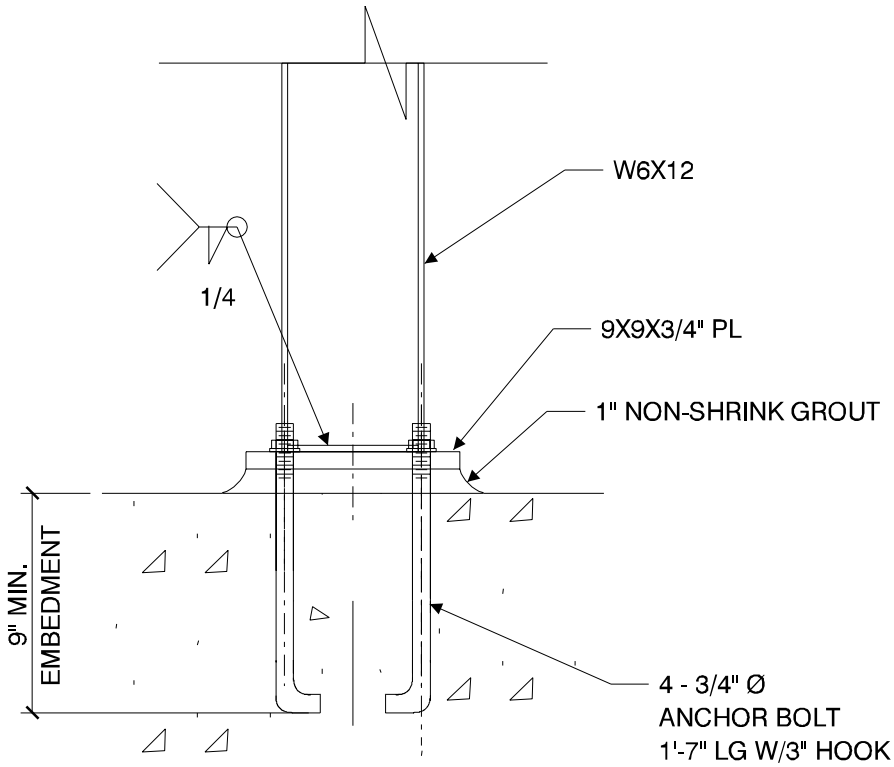
FRONT ELEVATION



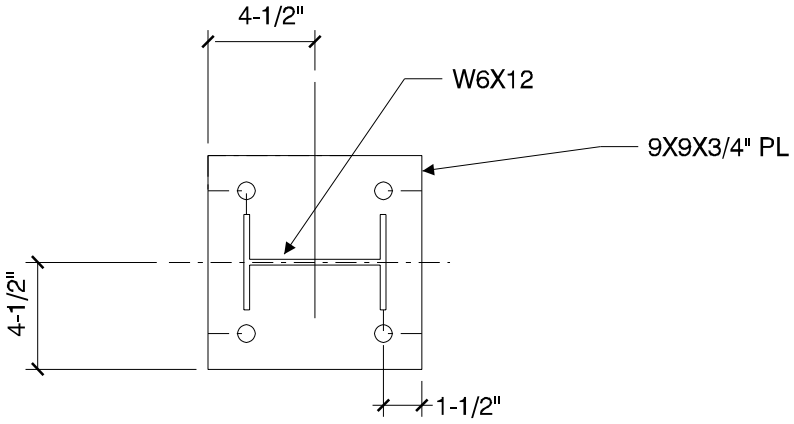
SIDE ELEVATION

SKETCHES: TYPE II CANOPY

NOT TO SCALE



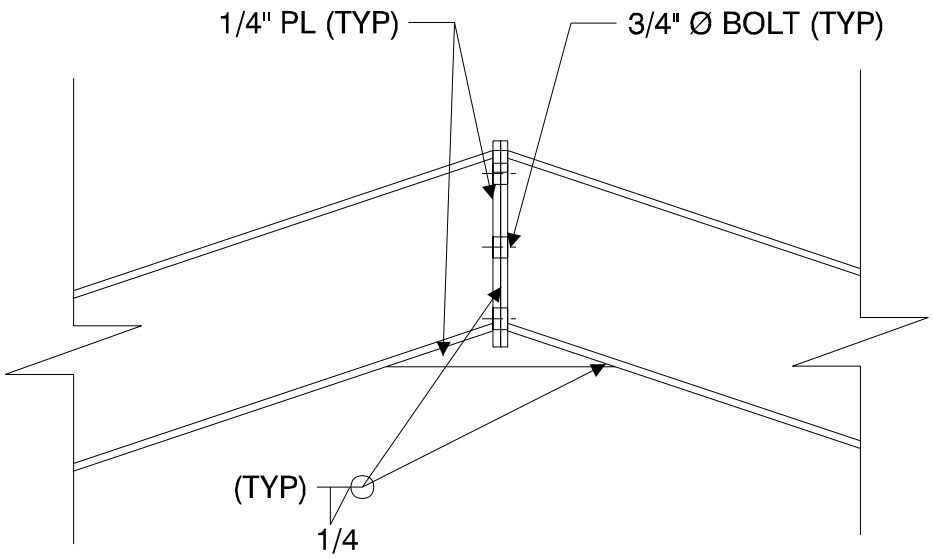
ELEVATION



PLAN

SKETCHES: CANOPY DETAIL A TYP. BASE PLATE CONNECTION TO NEW CONC. FOUNDATION OR NEW CMU WALL

NOT TO SCALE

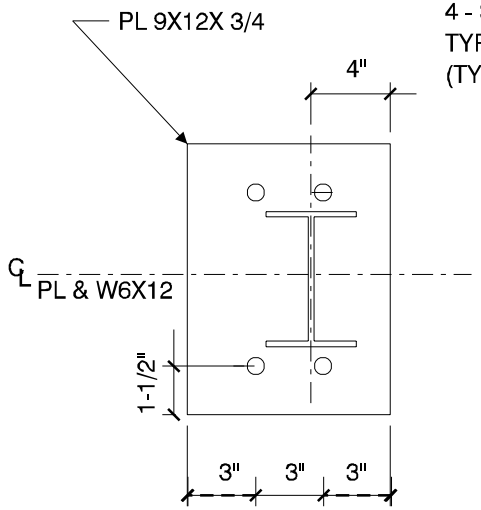


SKETCH: CANOPY DETAIL B
TYP. MOMENT CONNECTION AT RIDGE

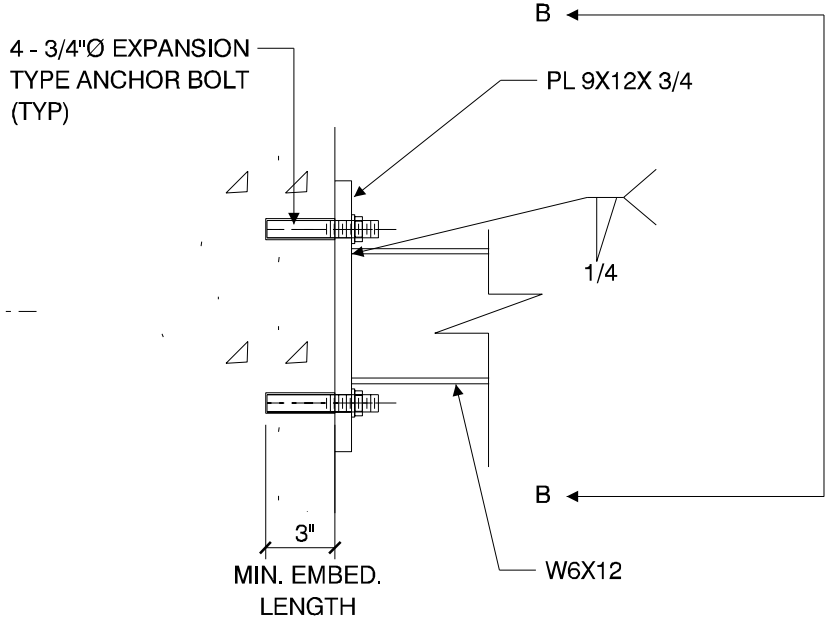
NOT TO SCALE

NOTE:

(1) UNLESS OTHERWISE APPROVED BY THE CONTRACTING OFFICER, EXPANSION TYPE ANCHOR BOLTS SHALL BE USED AND SHALL BE DESIGNED TO SUPPORT A MINIMUM TENSILE LOAD OF 1750 LBS. AND SHEAR LOAD OF 2875 LBS.



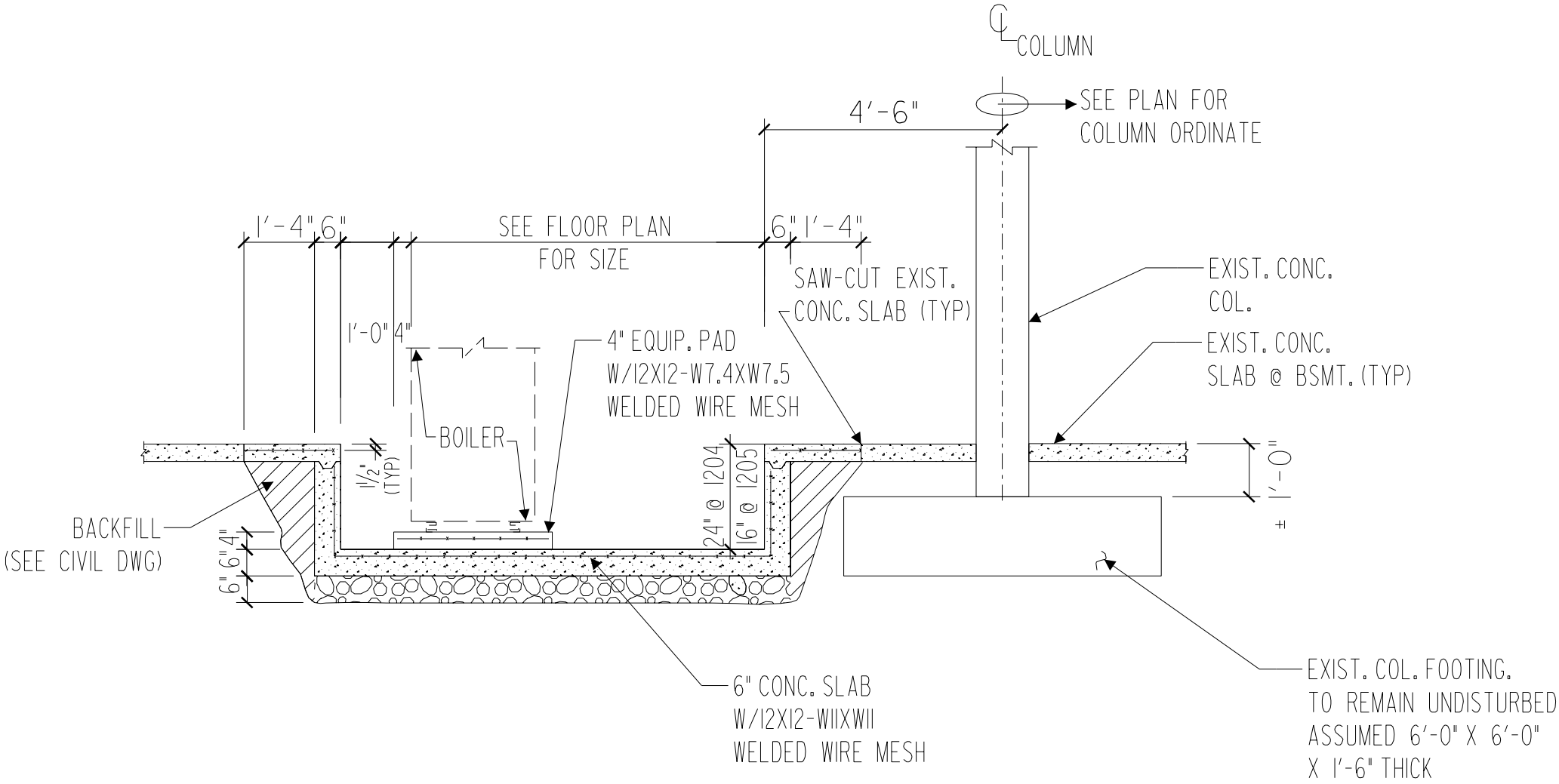
SECT. THRU.
B-B



ELEVATION

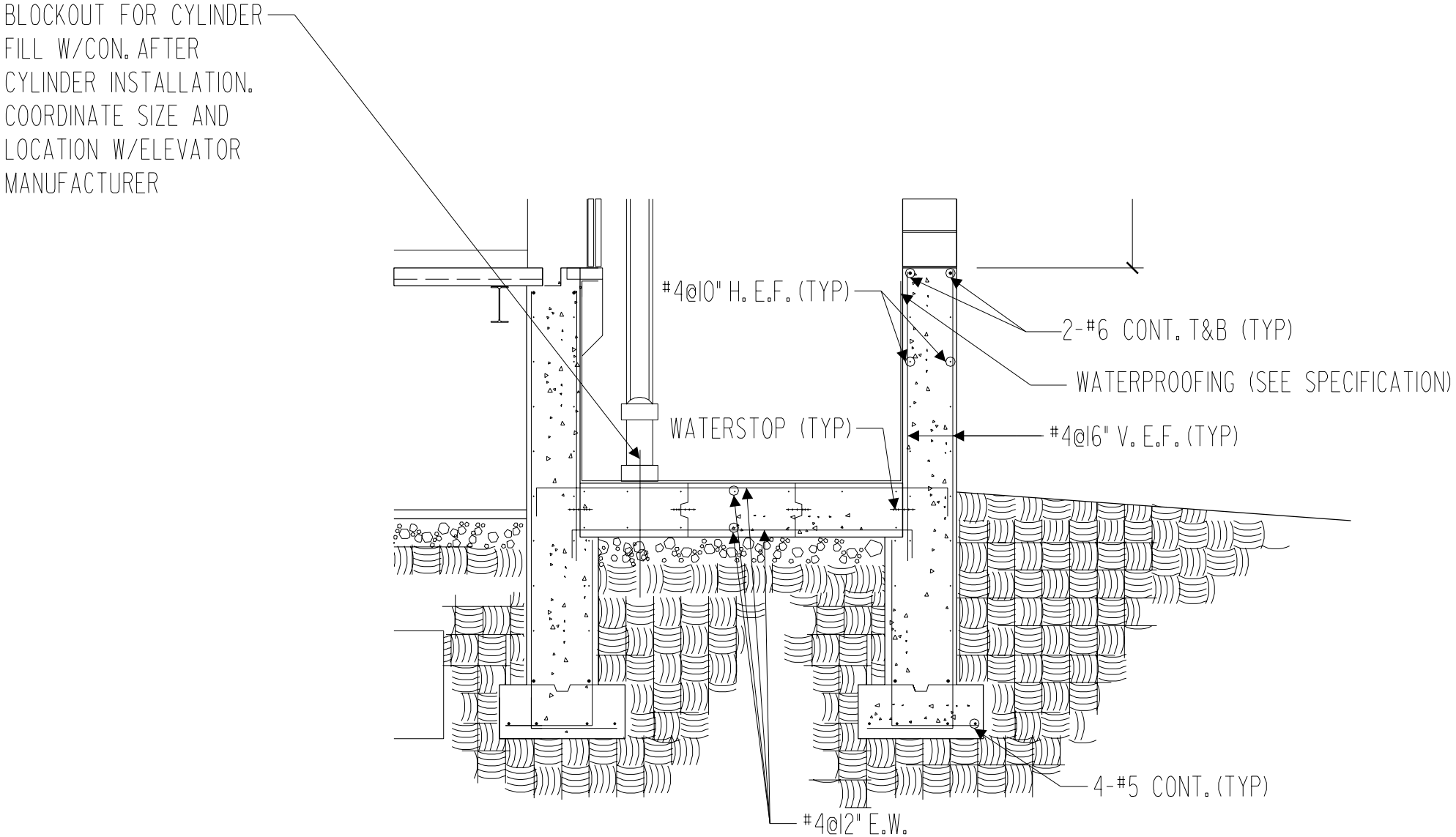
SKETCHES: CANOPY DETAIL C
TYP. BASE PLATE TO EXISTING CONC. COLUMN CONNECTION

NOT TO SCALE



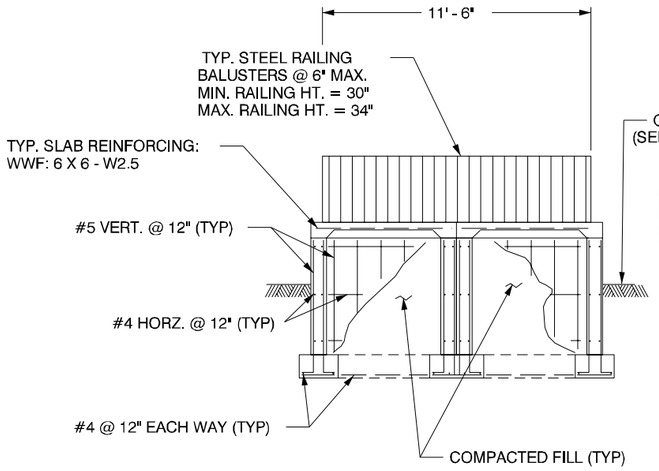
SKETCH: CONCRETE REINFORCEMENT
SECTION THRU MECHANICAL PIT

NOT TO SCALE

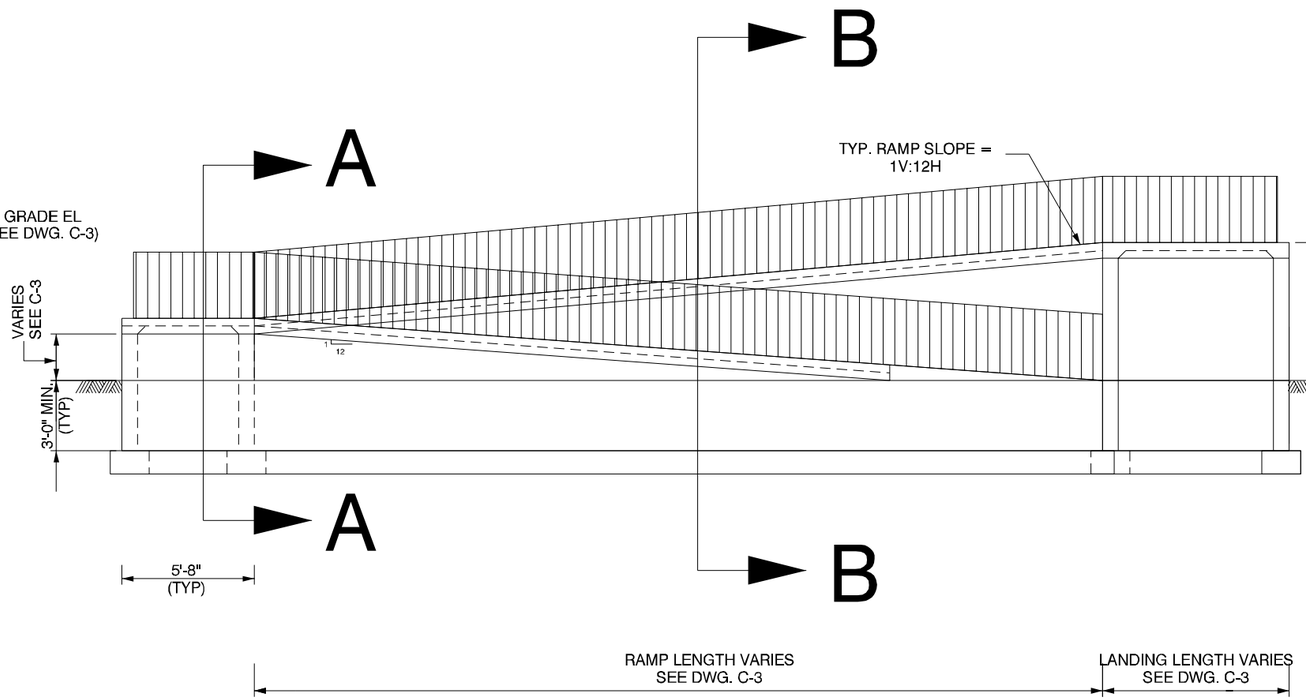


SKETCH: CONCRETE REINFORCEMENT SECTION THRU ELEVATOR

NOT TO SCALE

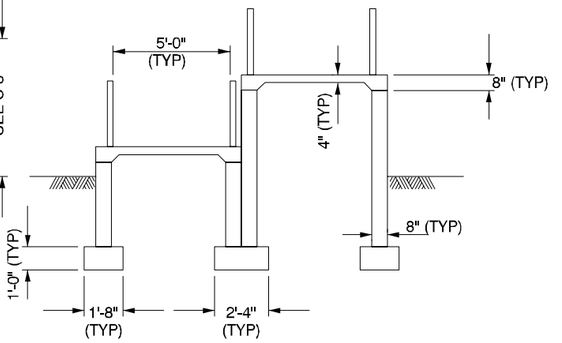


SECTION THRU. A-A



ELEVATION VIEW OF HANDICAPPED RAMP (TYP)

(REINFORCEMENT NOT SHOWN)



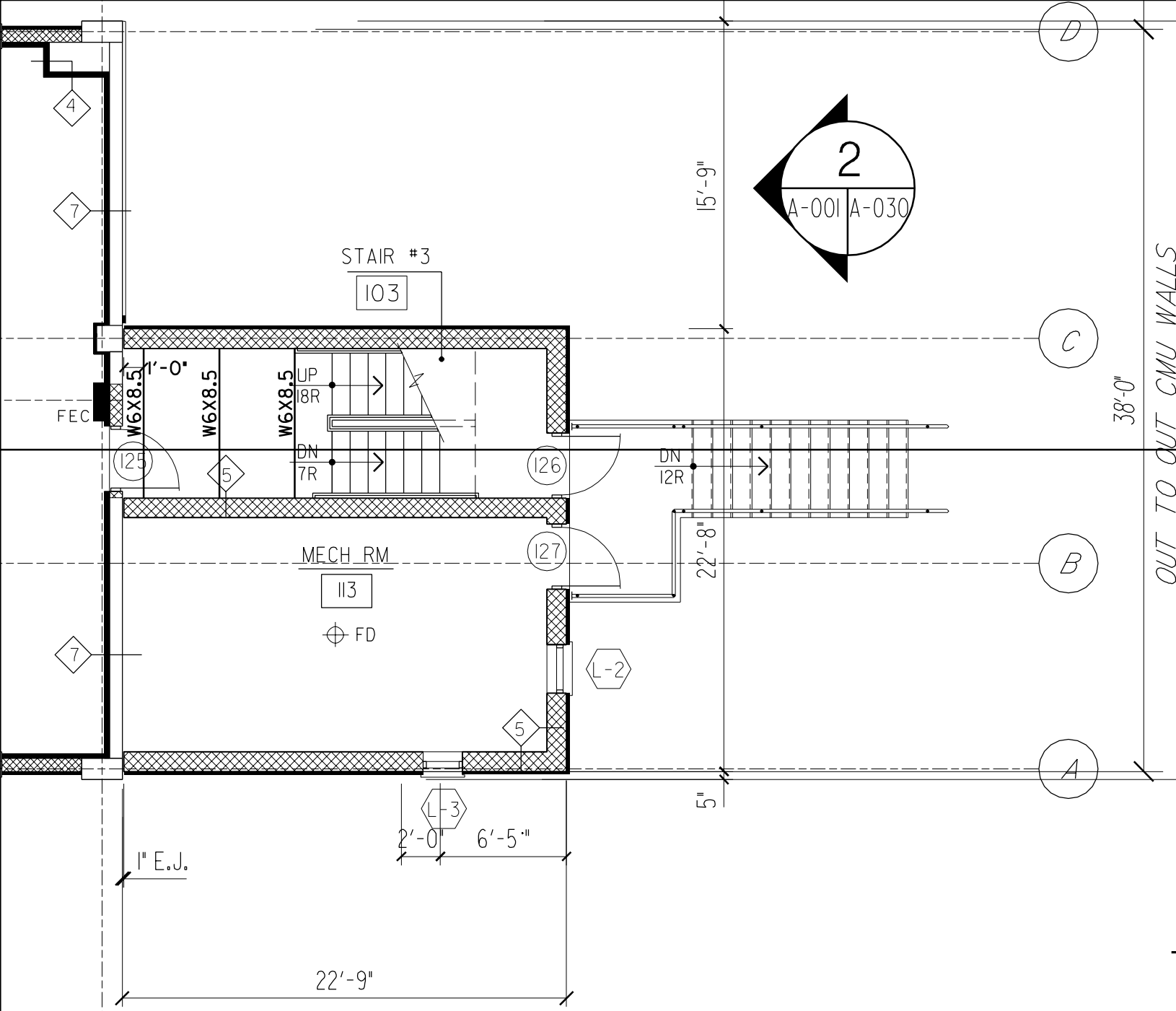
SECTION THRU. B-B

(REINFORCEMENT NOT SHOWN)

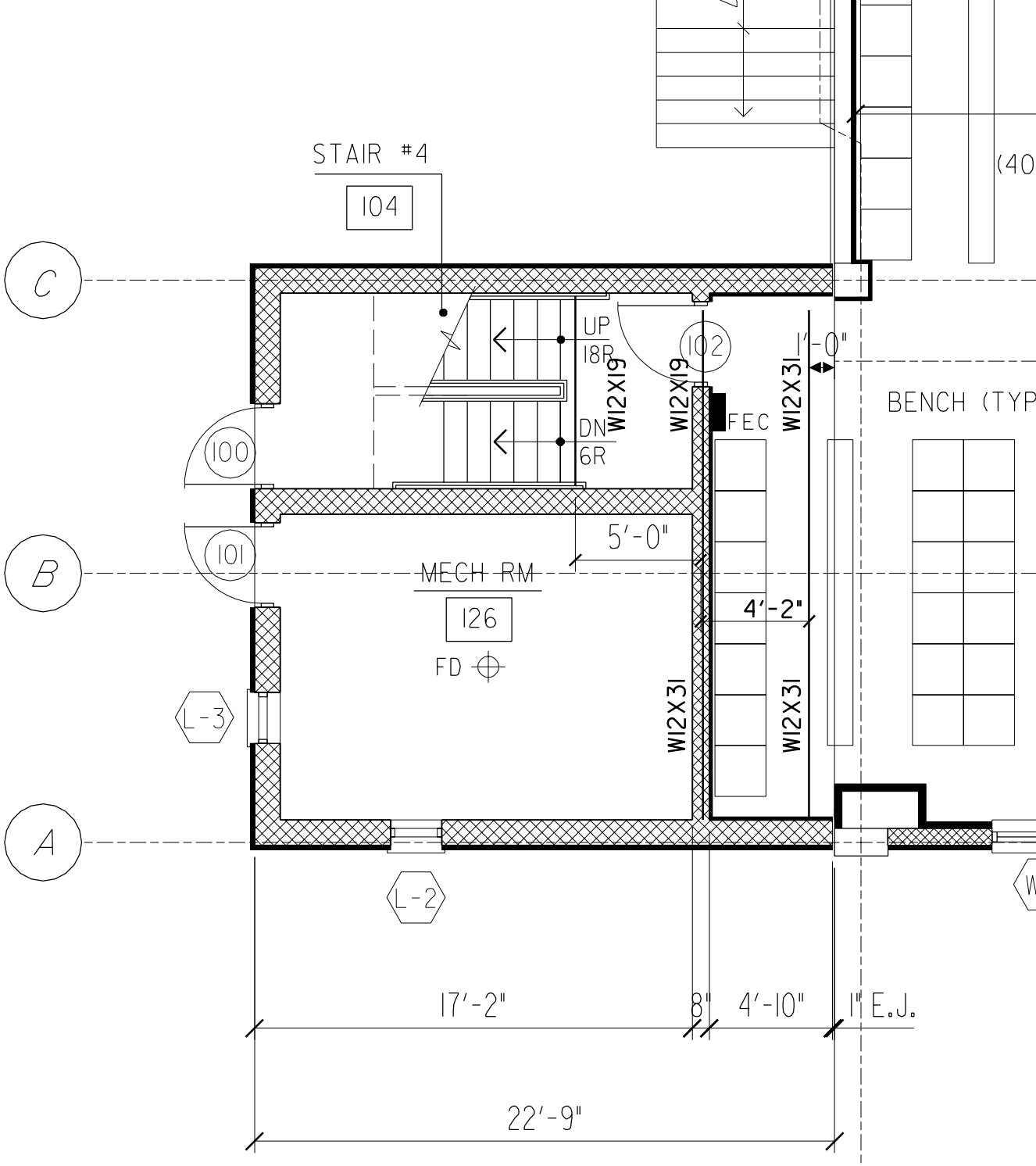
NOTES:

1. RAMP GRADES SHOWN ON DWG. C-3.
2. ALL RAILINGS SHALL BE INSTALLED AS PER MANUFACTURER'S APPROVED METHOD.
3. PLAN VIEW SHOWN ON DWG. A-039.
4. CONTRACTION JOINTS @ 4'-0" FOR ALL SLABS.

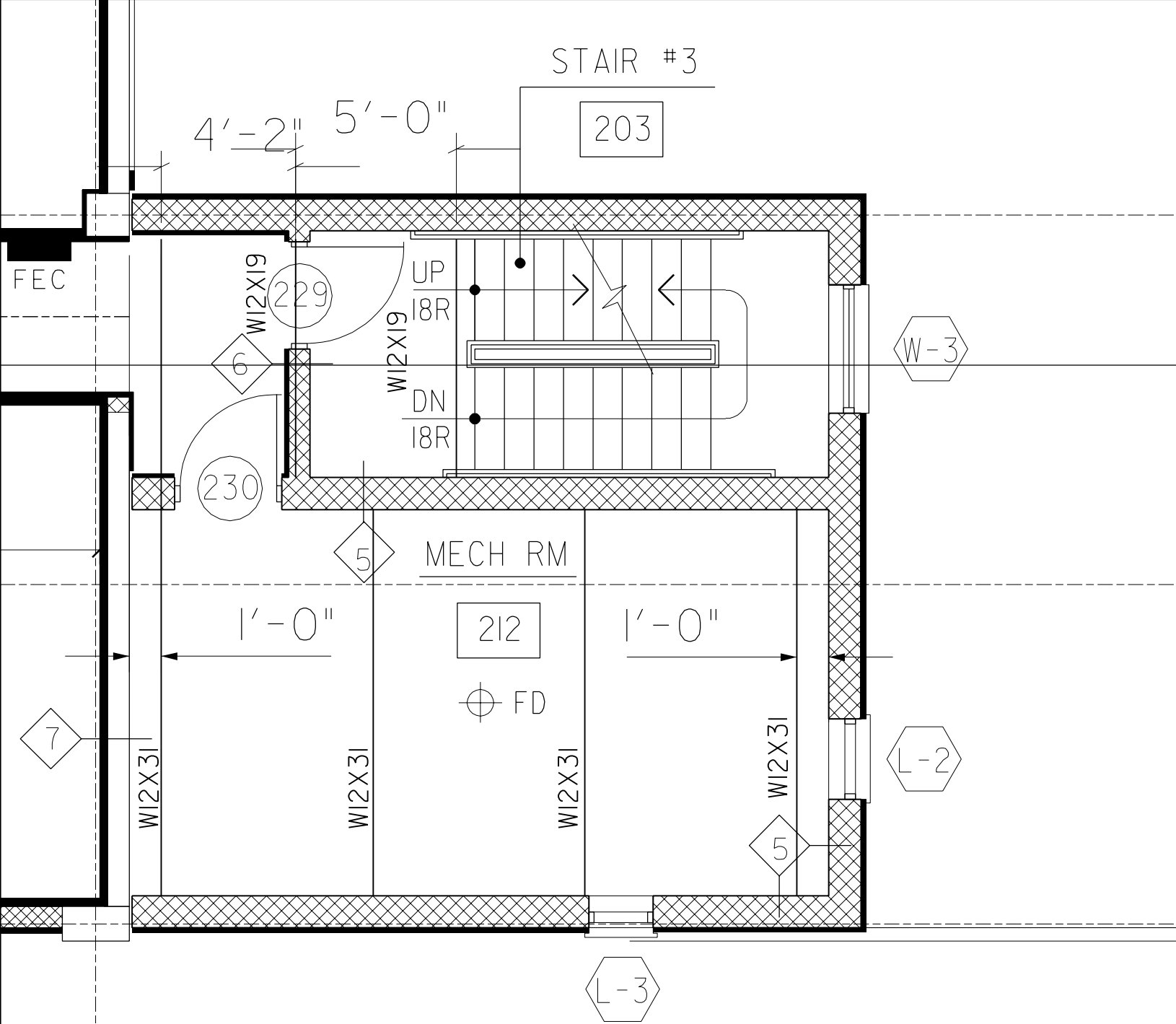
SKETCHES: HANDICAPPED RAMP (TYP)



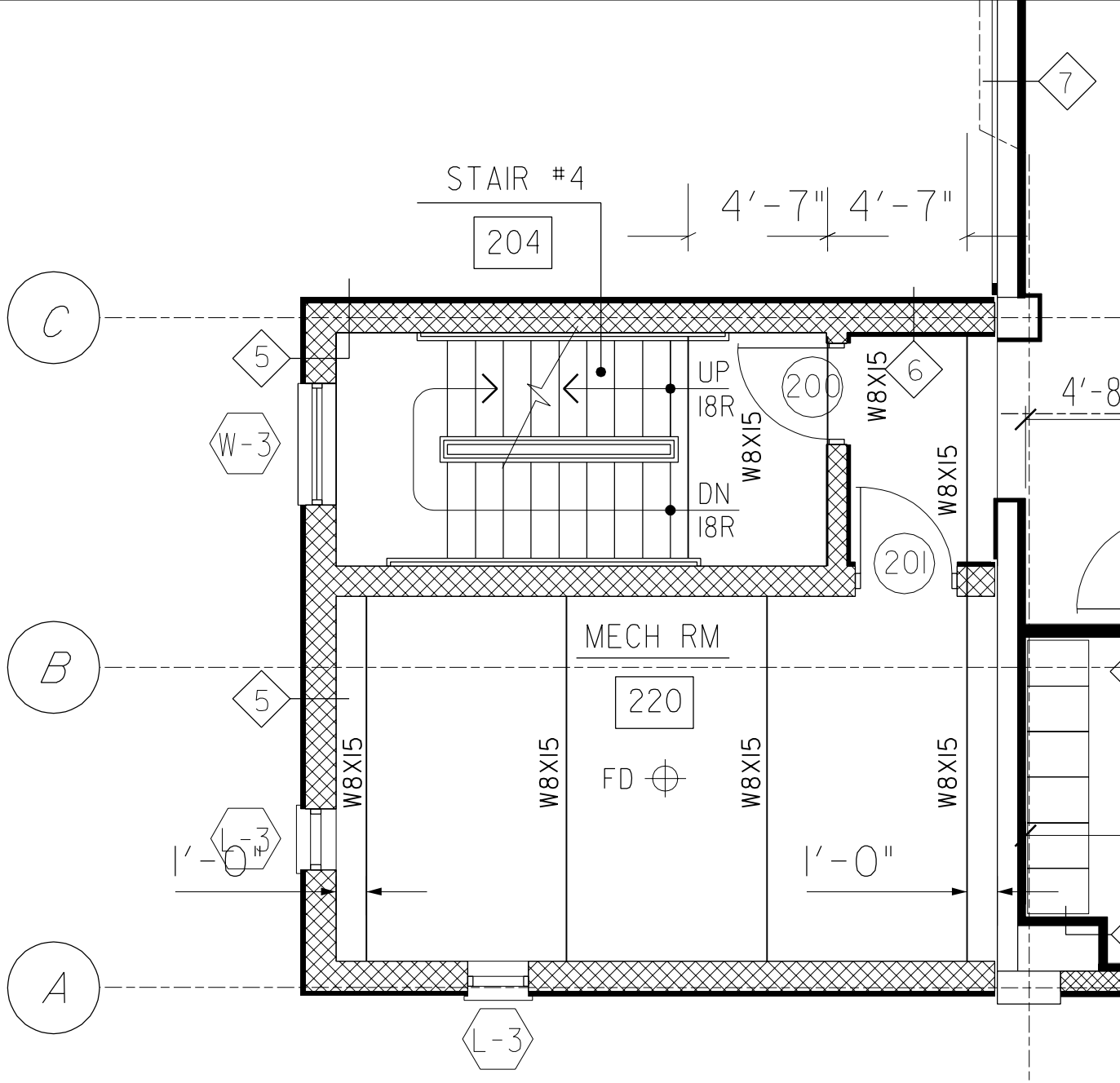
SKETCH: STRUCTURAL STEEL
(MECHANICAL ROOM 113 AND SIMILAR)
(REFERENCE DRAWING A-07)



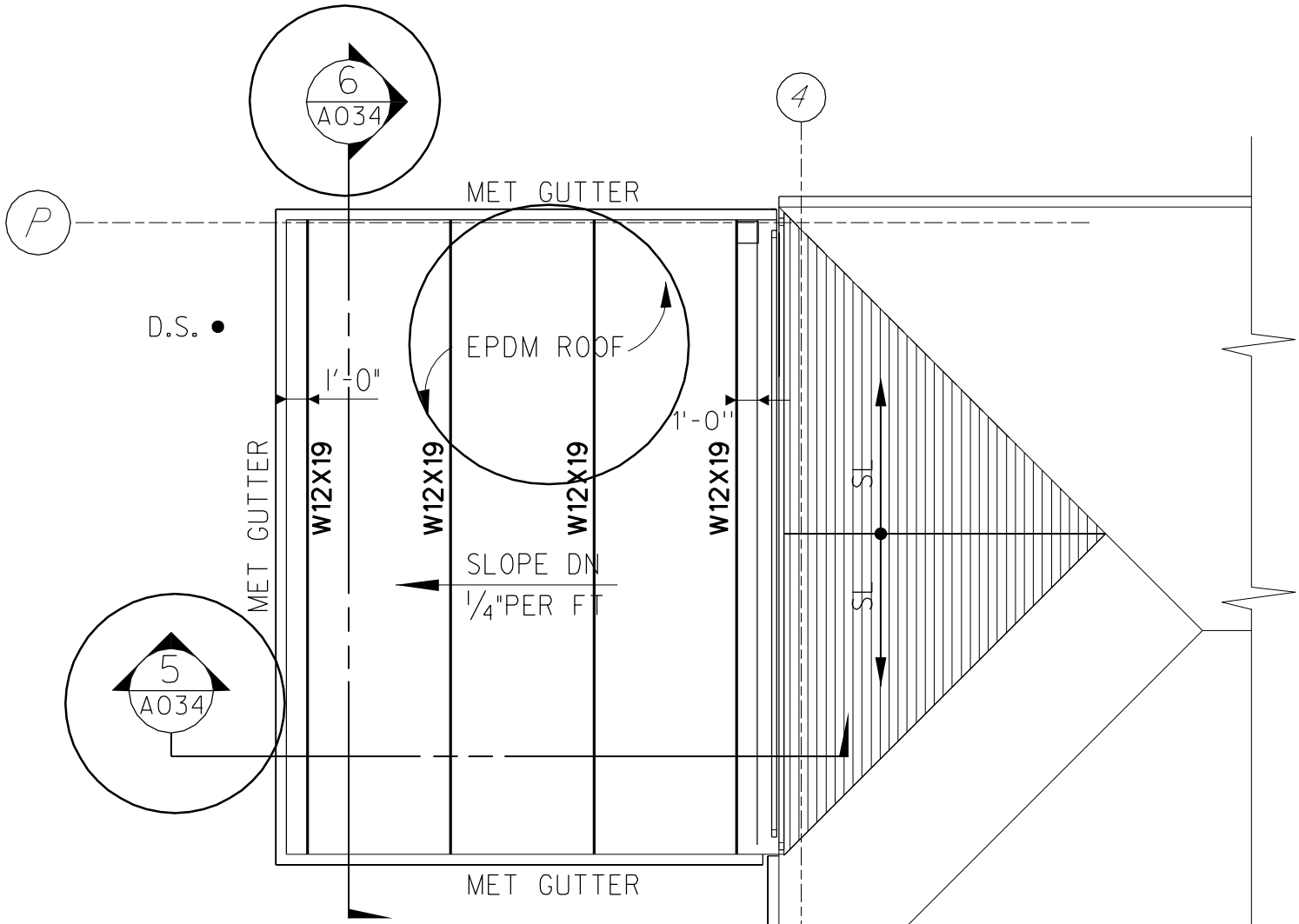
SKETCH: STRUCTURAL STEEL
(MECHANICAL ROOM 126 AND SIMILAR)
(REFERENCE DRAWING A-07)



SKETCH: STRUCTURAL STEEL
(MECHANICAL ROOM 212 AND SIMILAR)
(REFERENCE DRAWING A-08)



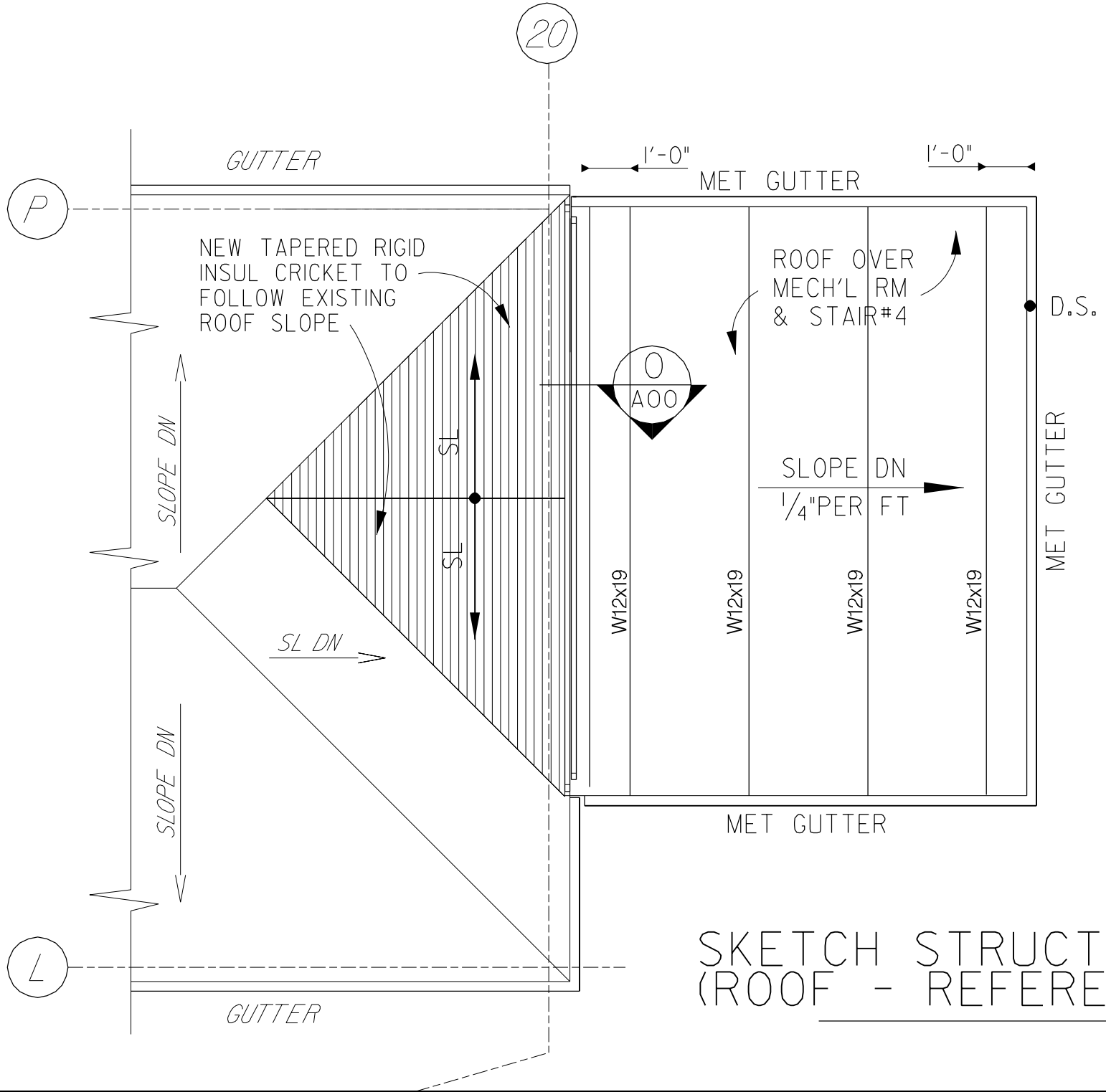
SKETCH: STRUCTURAL STEEL
(MECHANICAL ROOM 220 AND SIMILAR)
(REFERENCE DRAWING A-08)



SKETCH: STRUCTURAL STEEL (TOWER ROOF AND SIMILAR) REFERENCE DRAWING A-34)

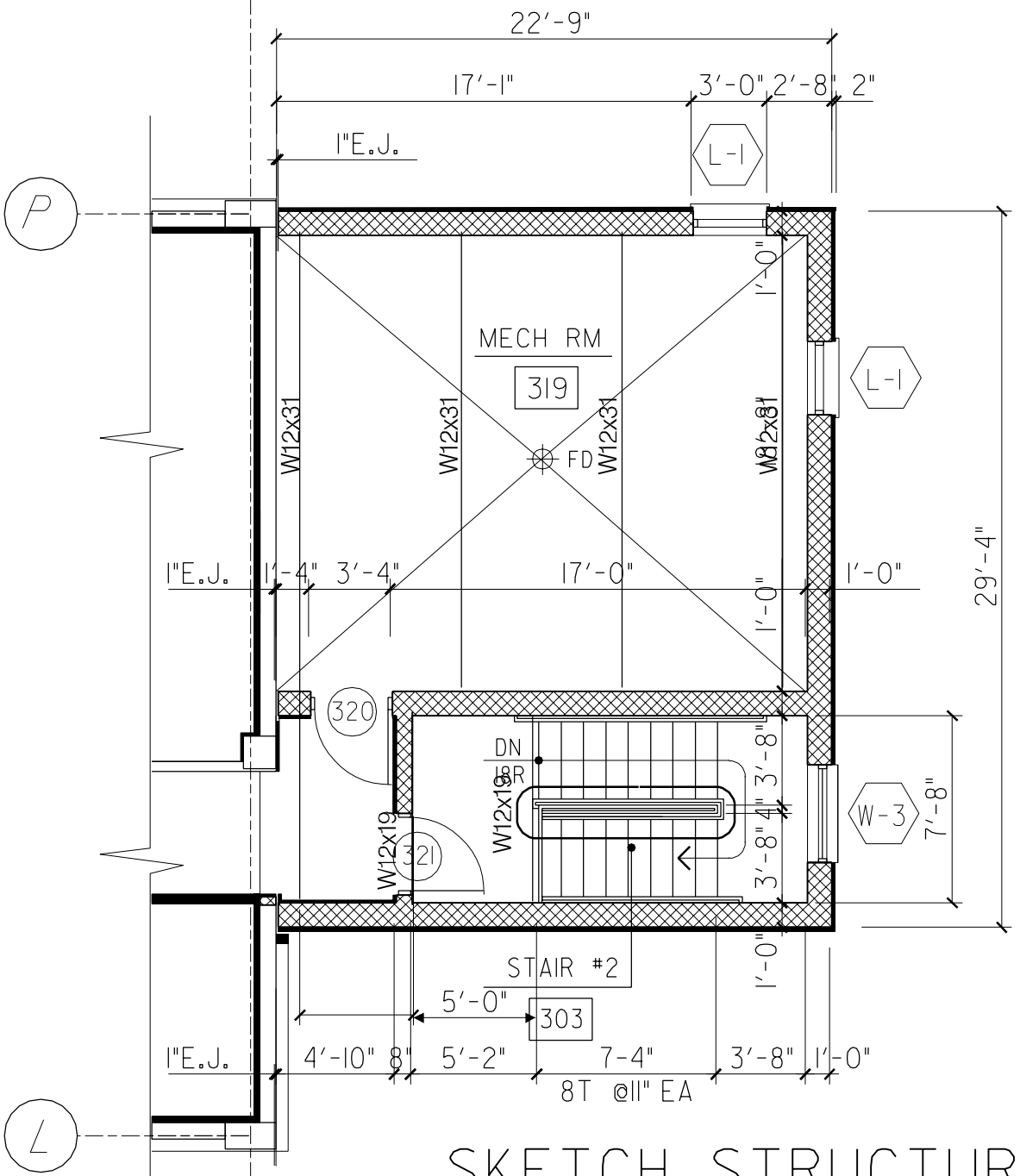
NOT TO SCALE

L-1



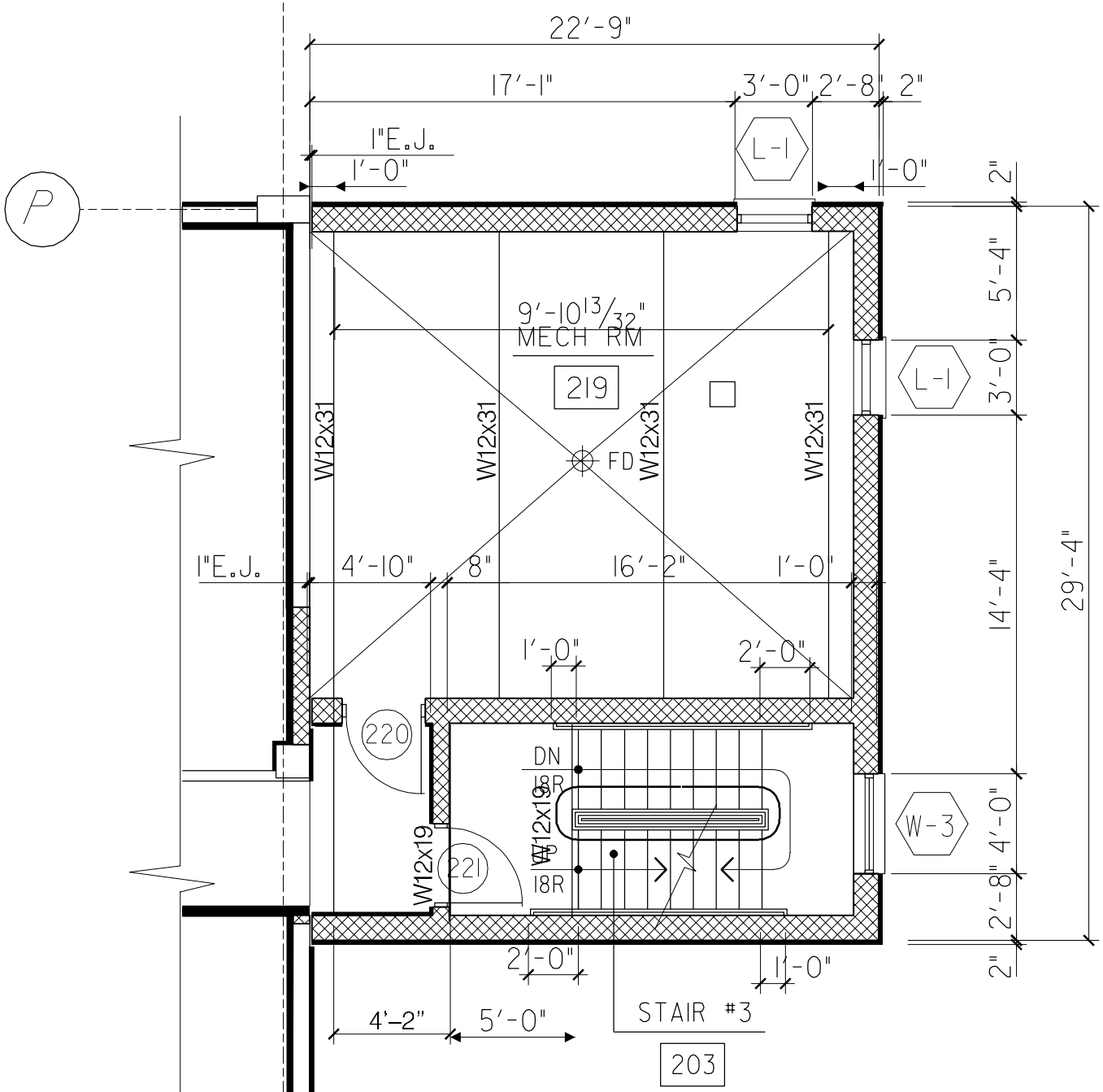
SKETCH STRUCTURAL STEEL (ROOF - REFERENCE A-34A)

NOT TO SCALE



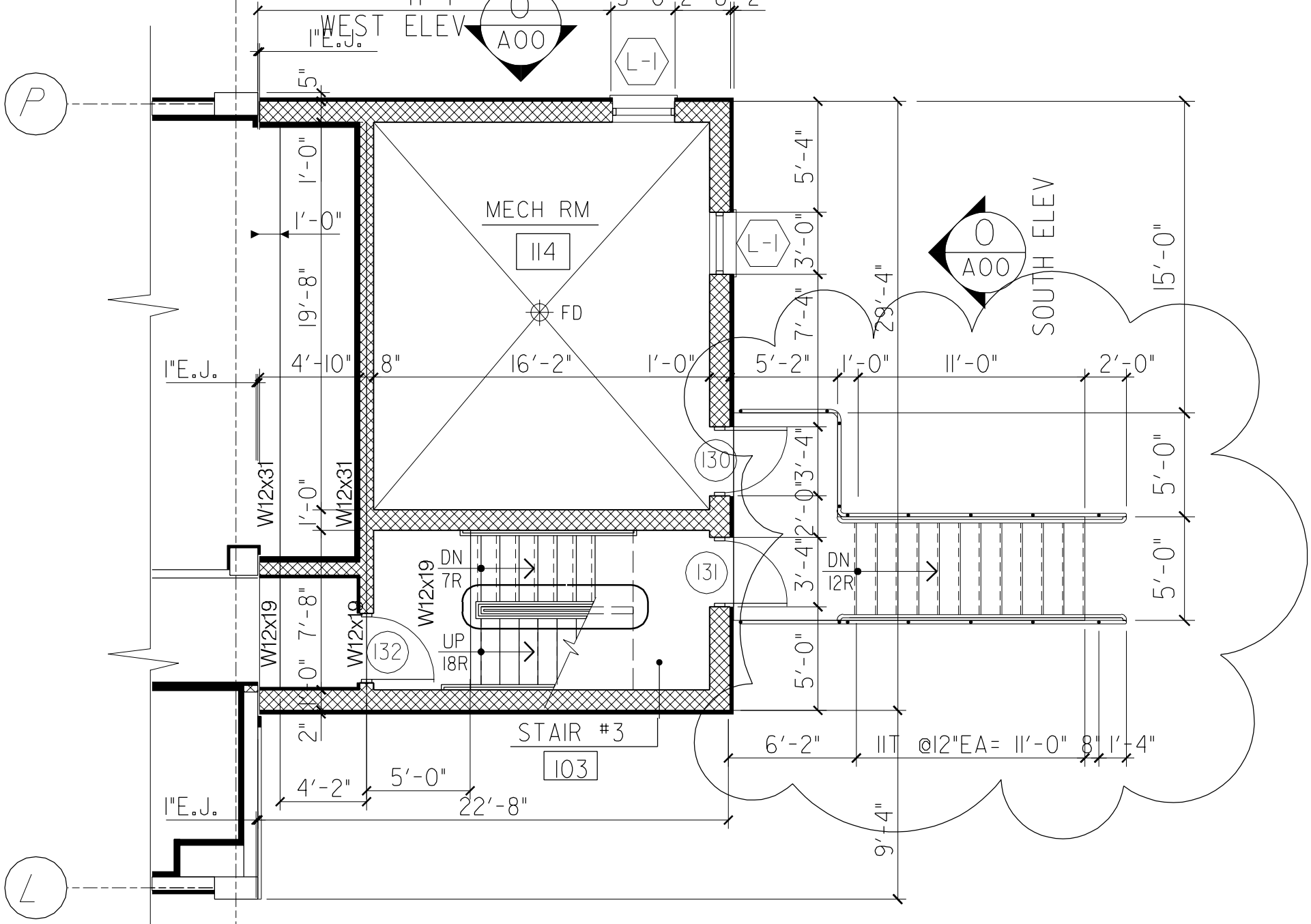
SKETCH STRUCTURAL STEEL (THIRD FLOOR - REFERENCE A-34A)

NOT TO SCALE



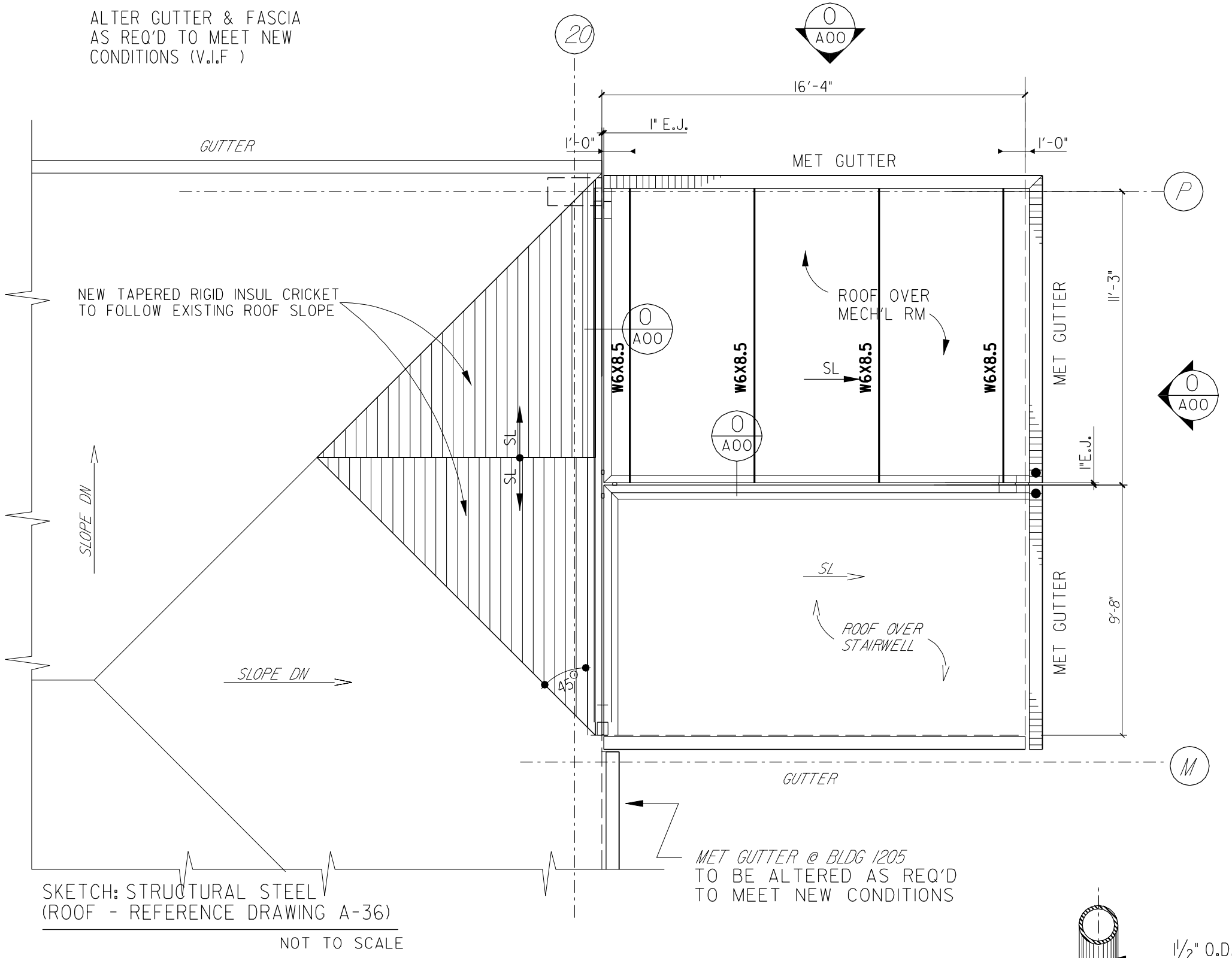
SKETCH STRUCTURAL STEEL (SECOND FLOOR - REFERENCE A-34A)

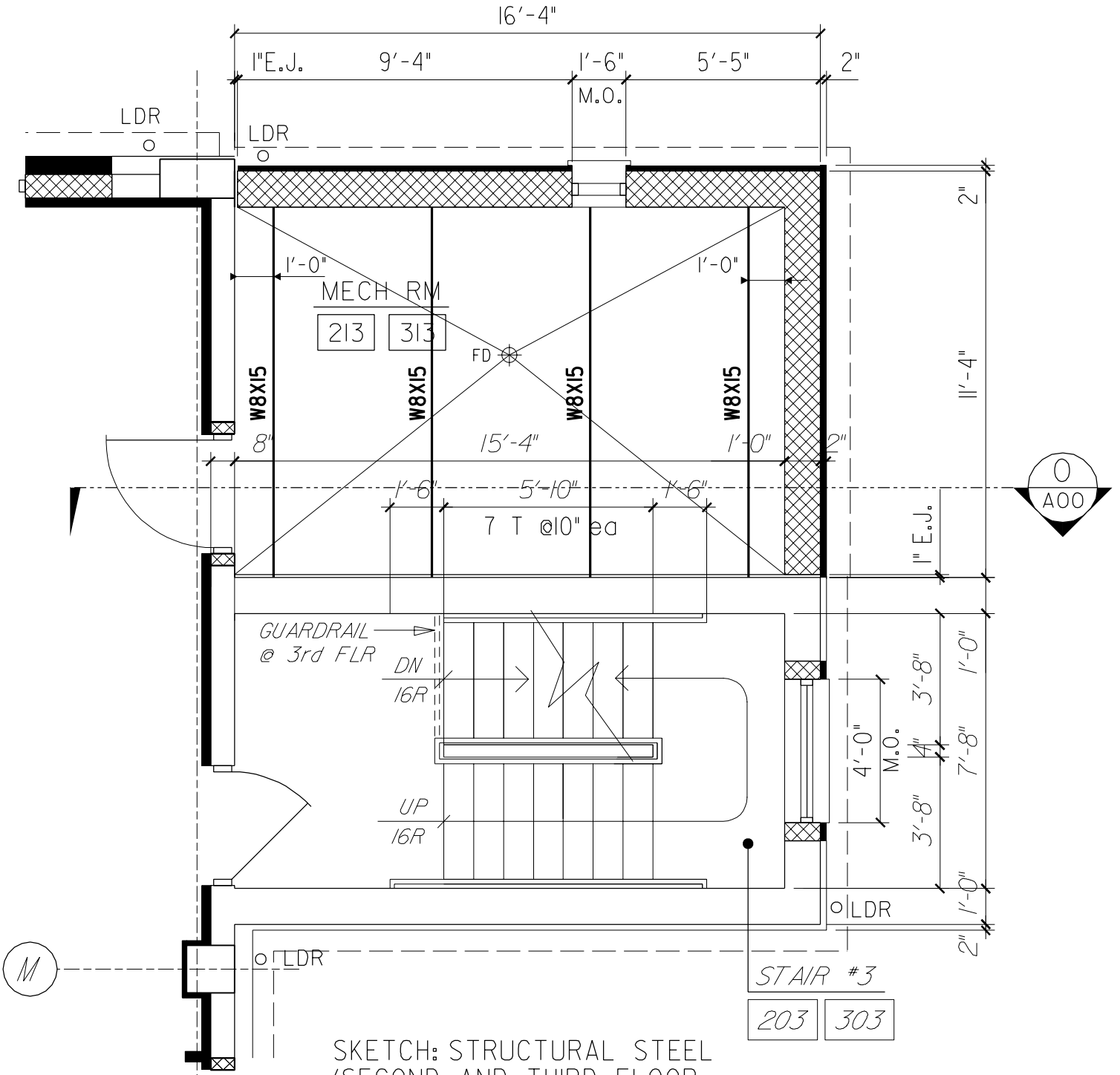
NOT TO SCALE



SKETCH STRUCTURAL STEEL (FIRST FLOOR - REFERENCE A-34A)

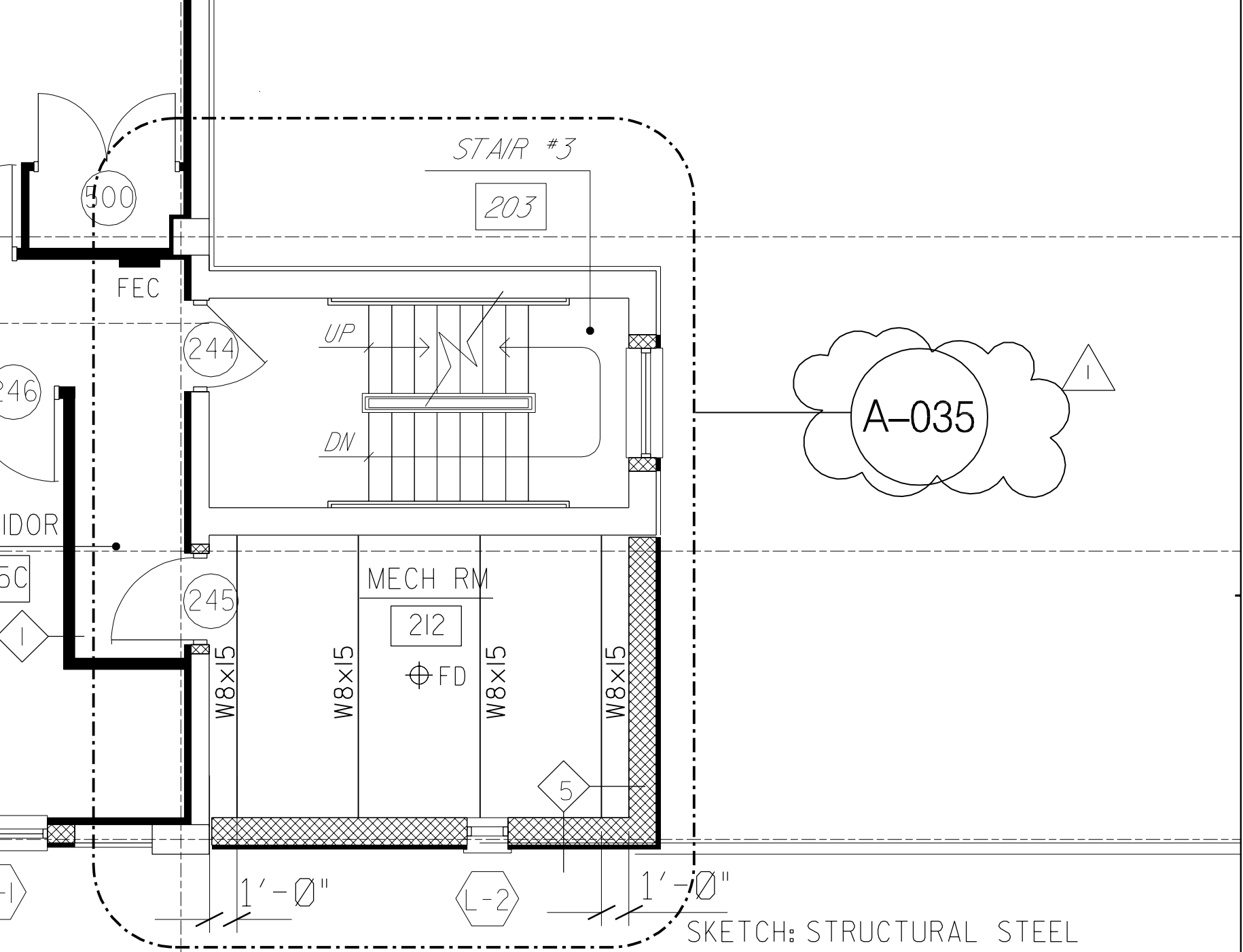
NOT TO SCALE


ALTER GUTTER & FASCIA
AS REQ'D TO MEET NEW
CONDITIONS (V.I.F)
20
0
A00
16'-4"
1" E.J.
1'-0"
1'-0"
GUTTER
MET GUTTER
P
NEW TAPERED RIGID INSUL CRICKET
TO FOLLOW EXISTING ROOF SLOPE
W6X8.5
W6X8.5
W6X8.5
W6X8.5
SL
SL
SL
ROOF OVER
MECH'L RM
MET GUTTER
11'-3"
1"E.J.
SLOPE DN
SL
ROOF OVER
STAIRWELL
MET GUTTER
9'-8"
SLOPE DN
45°
M
GUTTER
MET GUTTER @ BLDG 1205
TO BE ALTERED AS REQ'D
TO MEET NEW CONDITIONS
SKETCH: STRUCTURAL STEEL
(ROOF - REFERENCE DRAWING A-36)
NOT TO SCALE
1½" O.D.



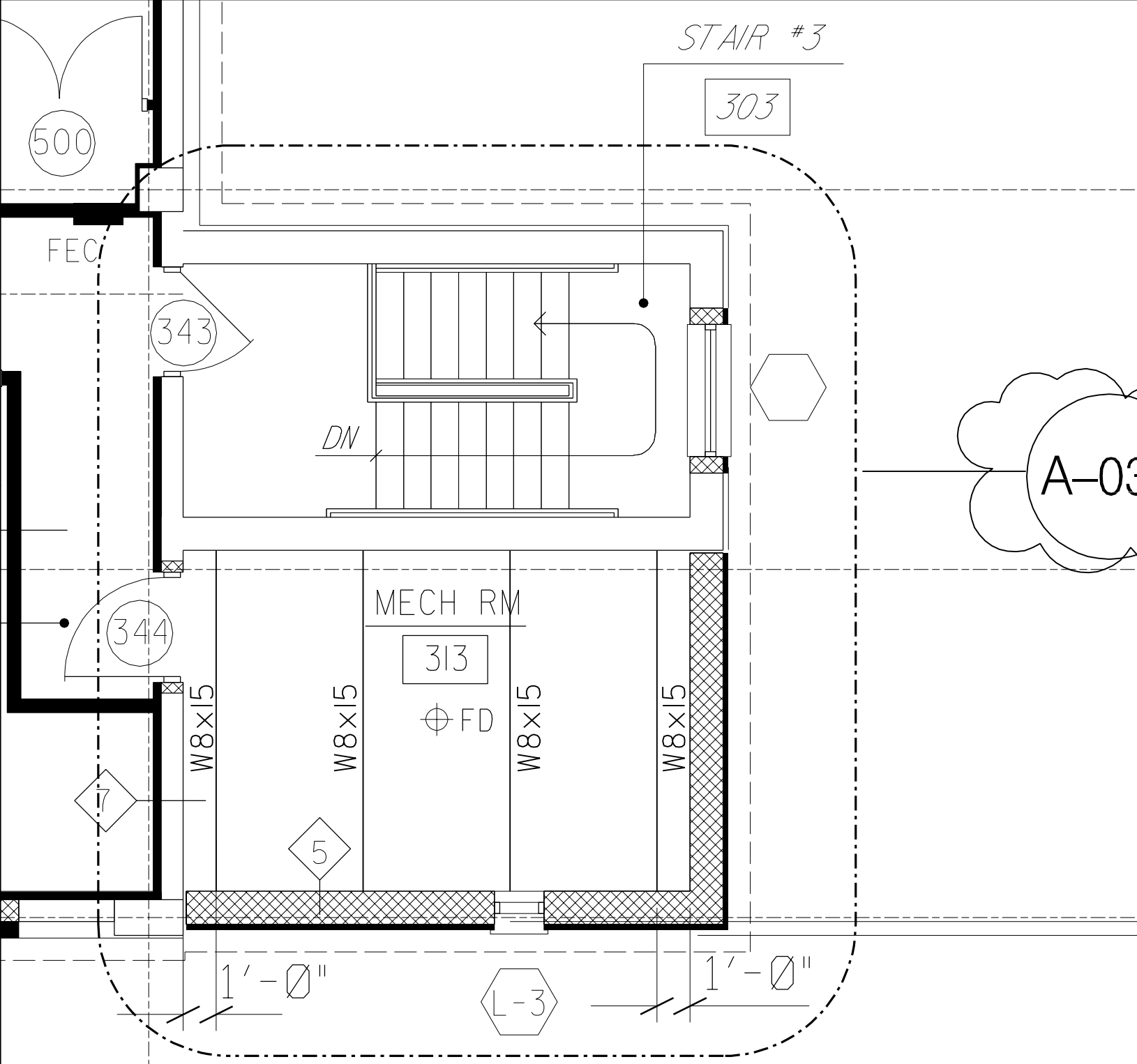
SKETCH: STRUCTURAL STEEL
(SECOND AND THIRD FLOOR
- REFERENCE DRAWING A-36)

NOT TO SCALE



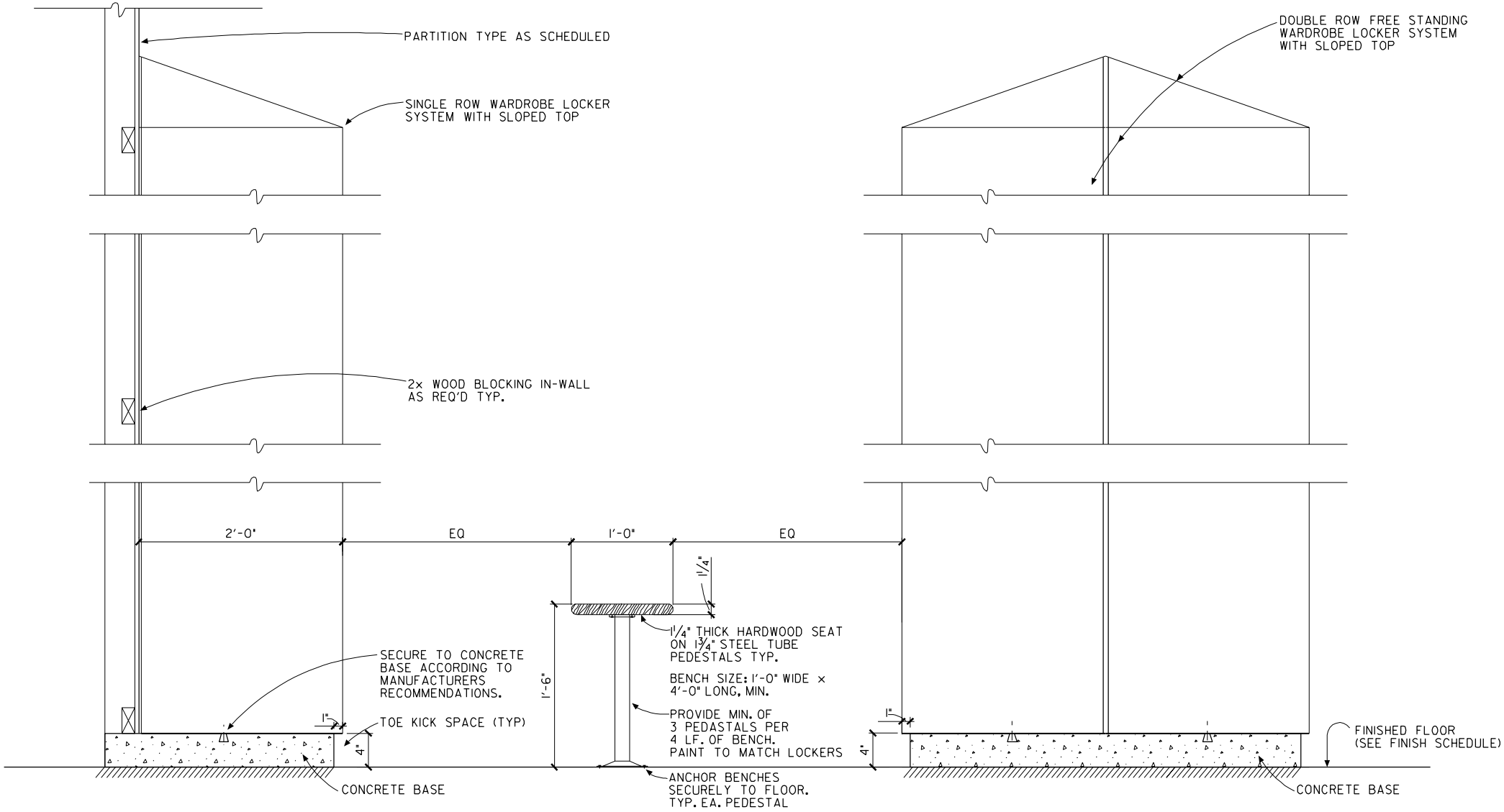
SKETCH: STRUCTURAL STEEL
(MECHANICAL ROOM 212 AND SIMILAR)
(REFERENCE A-50)

NOT TO SCALE



SKETCH: STRUCTURAL STEEL
(MECHANICAL ROOM 313 AND SIMILAR)
(REFERENCE A-051)

NOT TO SCALE



NOTES:

1. PROVIDE FINISHED PANELS @ ALL EXPOSED ENDS OF LOCKERS
2. PROVIDE FINISHED FILLER PIECES AS REQUIRED FOR CONTINUOUS FLUSH RUNS, TYP.

1' Ø 1'

SCALE: 1½" = 1'-Ø"

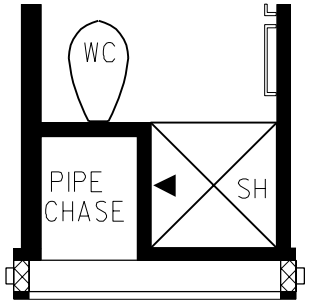
1

SECTION • TYP. LOCKERS & BENCH

SCALE: 1½"=1'-0"

(REFER TO RM. 125 & RM. 221 ON DWGS. A-007 & A-008 FOR LOCKER RM. PLANS)

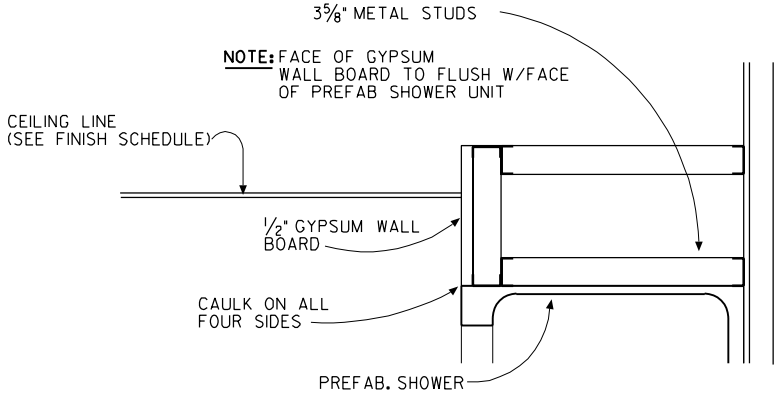
SK-

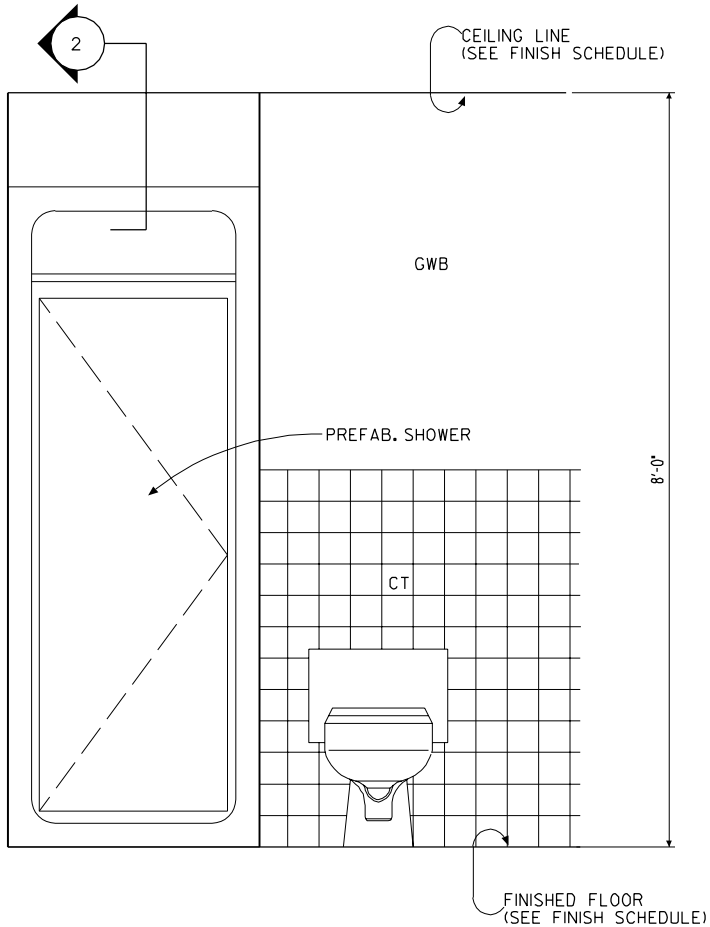


(REFER TO DWG. A-023 FOR COMPLETE DETAILS)

PARTIAL BATHROOM PLAN

SCALE : NTS





PARTIAL BATHROOM ELEVATION

1' Ø 1'

SCALE: 1" = 1'-Ø"

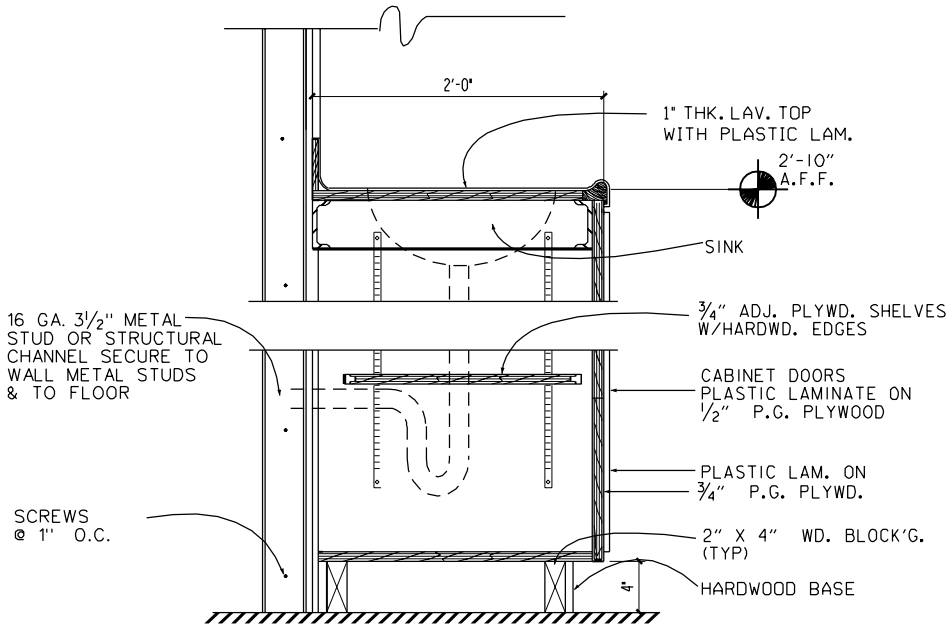
2

DETAIL • TYP. CLOSURE OVER SHOWER

SCALE: 1"= 1'-0"

(REFER TO BATHROOM PLANS ON DWG. A-023 FOR DETAILS)

SK-



1' Ø 1'

SCALE: 1½" = 1'-Ø"

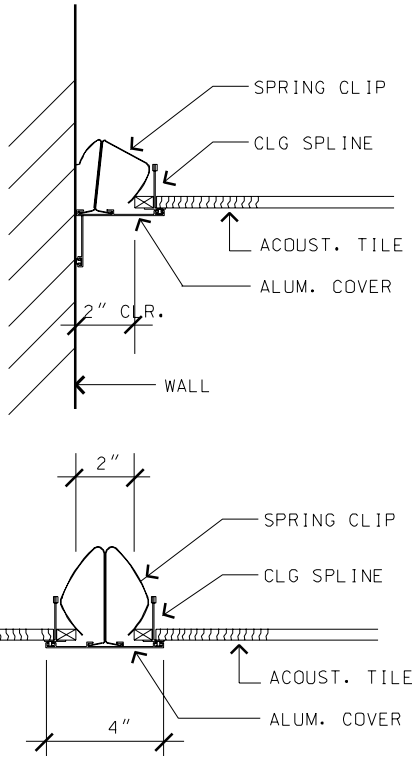
3

SECTION • TYP. VANITY

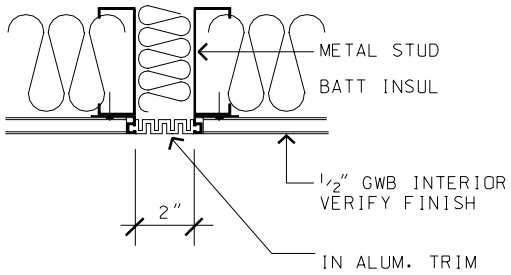
SCALE: 1½"=1'-0"

(REFER TO DETAIL DWGS. ON PAGE A-019)

SK-



SEISMIC CLG.– JOINT COVER



SEISMIC GWB– JOINT COVER

Ø 3" 6" 9" 1'

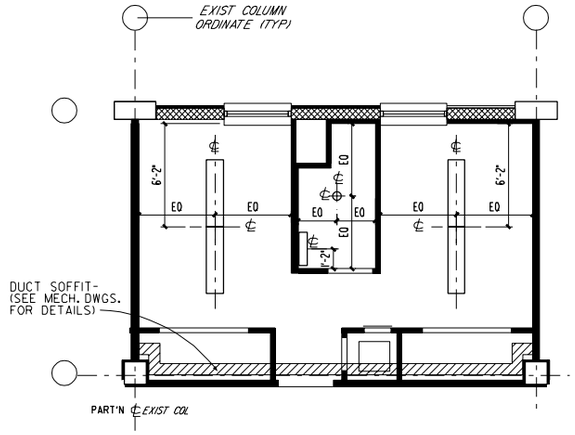
SCALE: 3" = 1'-Ø"

4

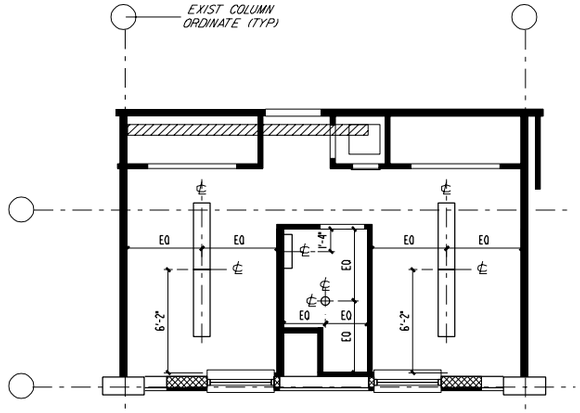
DETAIL • SEISMIC CLG./ EXPANSION JOINT COVER

SCALE: 3"= 1'-0"

SK-

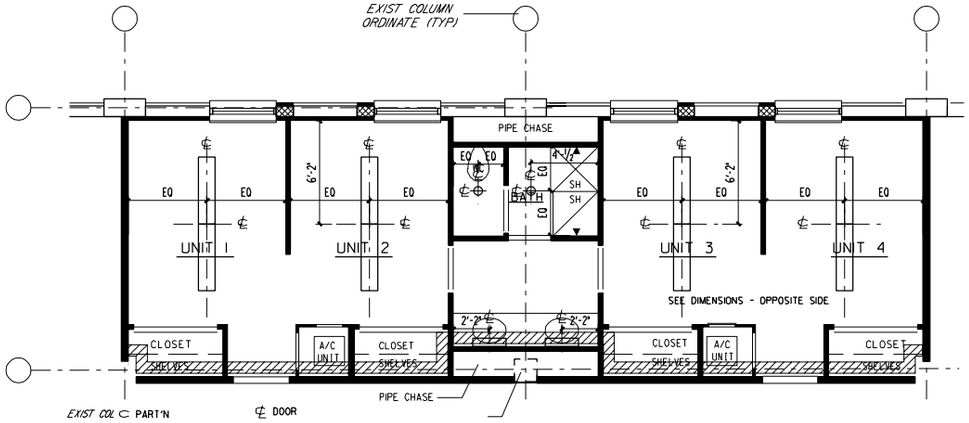


2-PERSON MODULE
(TYPICAL 1204) SCALE: 1/4" = 1'-0"

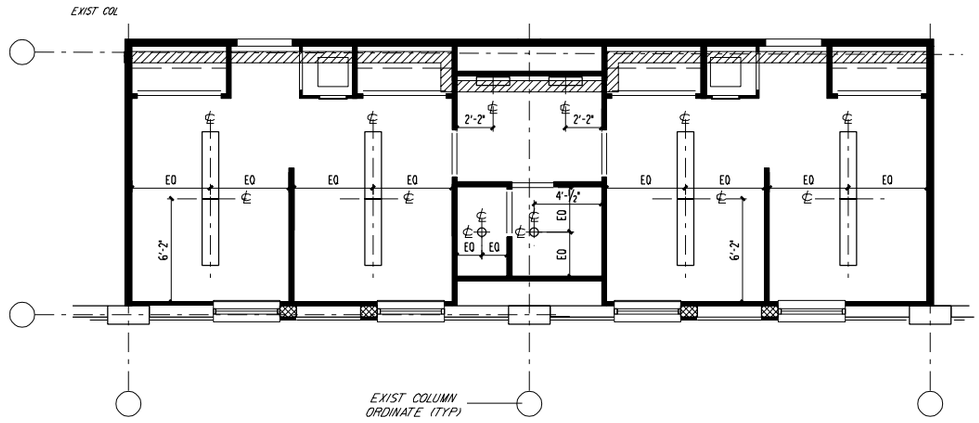


2-PERSON MODULE
(TYPICAL 1205) SCALE: 1/4" = 1'-0"

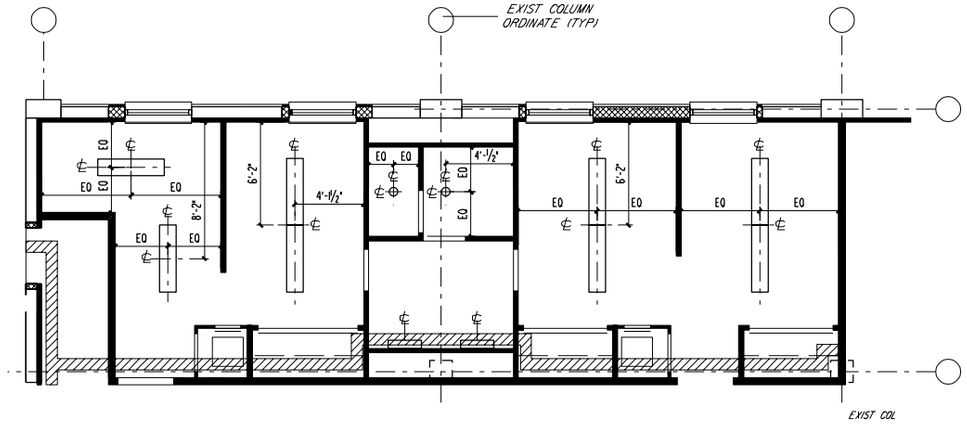
NOTE:
SEE DWG. SHEET 6 FOR LEGEND



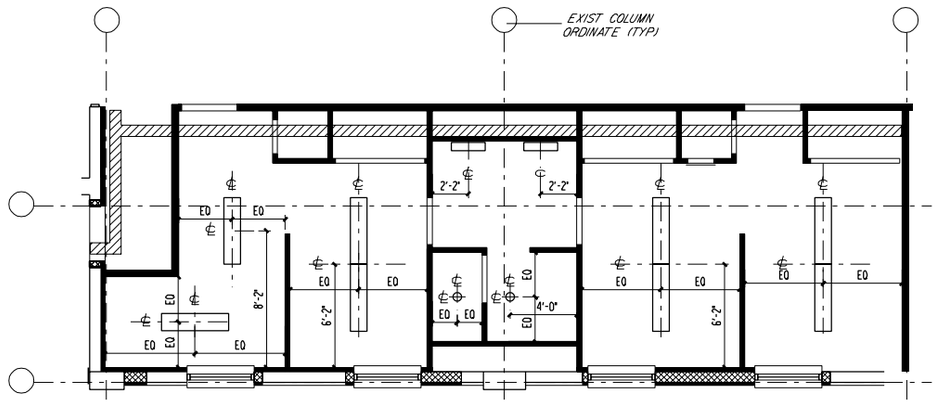
4-PERSON MODULE"B"
SCALE: (4PM-B) 1/4" = 1'-0"



4-PERSON MODULE"B"
SCALE: (4PM-B) 1/4" = 1'-0"



4-PERSON MODULE"C"
SCALE: (4PM-B) 1/4" = 1'-0"



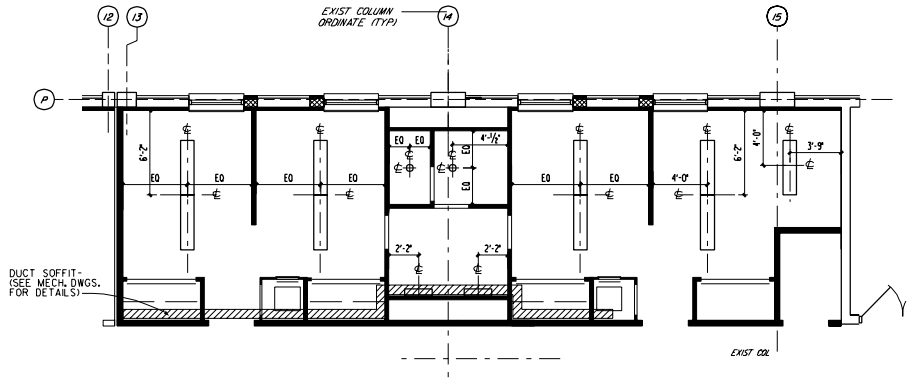
4-PERSON MODULE"C"
SCALE: (4PM-B) 1/4" = 1'-0"

4' 0 4' 8'
SCALE: 1/4" = 1'-0"

2PM & 4PM LIVING/SLEEPING QUARTERS • REFLECTED CEILING PLANS (REFER TO DWGS. ON PAGE A-032 AND A-033)

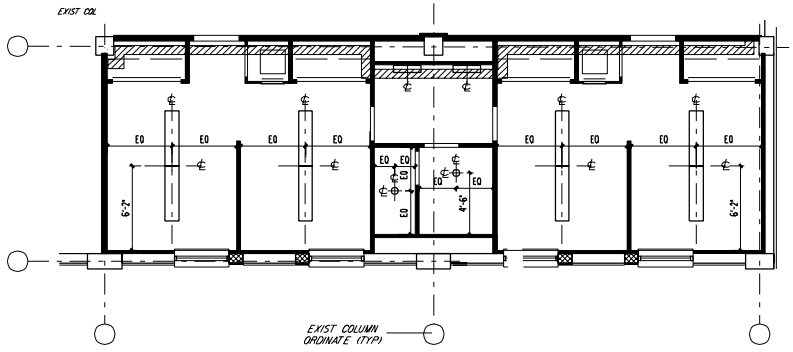
SCALE: 1/4"=1'-0"

SK-



4-PERSON MODULE"D"

SCALE: (4PM-B) ¼" = 1'-0"



4-PERSON MODULE"E"

SCALE: (4PM-B) ¼" = 1'-0"

LEGEND

- DUCT SOFFIT
- VANITY LIGHT FIXTURE (SEE ELEC. DWGS. FOR DETAILS)
- SINGLE FLOURESCENT LIGHT FIXTURE (SEE ELEC. DWGS FOR DETAILS)
- DOUBLE FLOURESCENT LIGHT FIXTURE (SEE ELEC. DWGS FOR DETAILS)
- FLOURESCENT DOWNLIGHT FIXTURE (SEE ELEC. DWGS. FOR DETAILS)
- CENTER LINE

4' 0 4' 8'

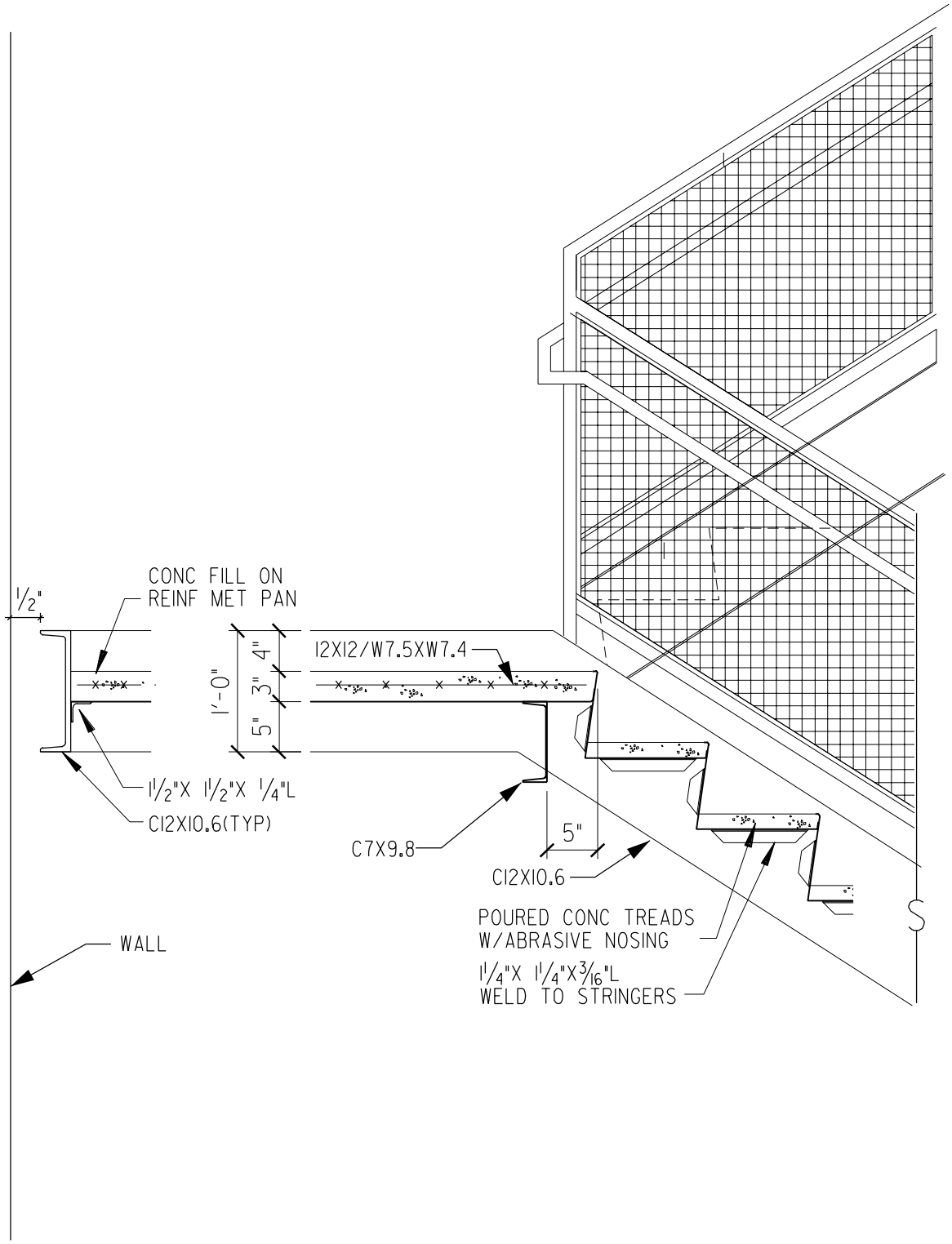
SCALE: ¼" = 1'-0"

6

2PM & 4PM LIVING/SLEEPING QUARTERS • REFLECTED CEILING PLANS (REFER TO DWGS. ON PAGE A-032 AND A-033)

SCALE: ¼"=1'-0"

SK-



SECTION THRU STAIR LANDING

NS

SEE DRAWING A-034